

Prodromus neapolitanae actiniarum faunae
addito generalis actiniarum bibliographiae catalogo.

Auctore

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Praefatio.

Cum olim iconum, quae de actiniis neapolitanis extant, paucitatem et defectus mecum in animo considerarem et ingratum simul earum interpretationis laborem experirer, intellexi publicae utilitatis futurum opus, si, praestantis GOSSEI in anglicis actiniis exemplum utcumque secutus, ad monographiam partenopearum perficiendam incumberem: hanc enim ad stabiliendas species, praecavendosque errores certissimam esse viam censui, quaeque ad cultiorem ex aequo penitioremque actiniarum cognitionem duceret. — Tot exinde sobolis specimina colligenti, quae Neapolis mare, haud in his ut fertur pauperculum, suppeditat, ingens brevi specierum copia innotuit, quas deinceps jam iconice et graphice descripsi: et, si quid dummodo navare et efficere possum, anatomice quoque investigare pedetentim satago. — Nata sic sensim est series haec, quae, extantibus et specierum certitudine, nisi omnia me fallunt, et adumbrationum fidelitate, synonymorumque divitiâ locupletior est. Et quam nunc ut Synopsin, tamquam futuri laboris promissionem, normamque in observando mihi et aliis non inutiliter praeluculentem et tamquam iconographici, quod molior, operis (in Zoologicae Stationis Fauna et Flora edendi) prodromum, sistere in animum induxi. — Enchiridion mole, formâque porro publici indignum, Horatiani »nonum promatur in annum memor, nondum typis committerem nisi duplex rerum necessitas (et ut, nempe, viris, quibus jure interest, pateat me otiis non delectasse et ut propemodum doctissimi actinologiae cultores me benevolentis animo sodalem excipiant et auxilio, quod exposco, foveant) hoc non suadere modo sed poscere videretur.

Actinias quae huc enumerantur, si, lector, diligenter circumspicis, quinquaginta et unam invenies species (absque varietatum copia) inter genera viginti quinque dispositas. Earum nonnullas, viginti et duo scilicet, priscis jam hujus maris ab observatoribus descriptas, perpaucas, viginti et unam ex exteris tantum regionibus hactenus proprias, reliquas denique, octo, nondum visas esse inveni.

Has, octo nempe, non illico fortasse a te, lector, benique excipiuntur, nam facilius est, cogitabis, et recte, novas statuere species quam descriptas recognoscere. Ne tamen, in eo versaris! Nam primum ego vanae gloriolae studio potius innotescere quam veris et ex rerum naturâ depromptis observationibus prodesse nunquam malui. Tum, sicut species omnes ex investigatione propria semper descripsi et, ne nimis promptus in condendis speciebus forem, plurimis speciminibus diagnosim specificam tribui; ita ubi novam statui speciem id ibi evidentiâ tantum insiti characteris commotus feci.

Quae autem descriptae verum sed hactenus Neapoli irrepertae fuerant nullam pro se postulant rationem, quod addita synonymorum copia curam prodit, qua extantes descriptiones et icones consului et contuli.

Perpauca pro loco potius de iis expendam, quae jam olim pro neapolitanis habitae sunt. Naturae curiosi, praevertam, sparsim et excerptim tantum de locali actiniarum fauna scripserunt tradideruntque. IMPERATUS (1599) vix nomen leviter attingit; MACRYS (1778, 1819) duas, CAVOLINIUS quatuor, GRUBIUS (1840) tres provulgant species. Accuratissimus et subtilitate atque acumine observationum supereminens DELLE CHIAJE fusius tributum contulit; sed ex eo tempore, nisi perbreves PANCERII (1868, 1869) descriptiones et DE KOCHII (1879) pagellas excipias, nullum ulterius de actiniis neapolitanis verbum in lucem prodiit. — Quomodocumque, traditum huc sequitur thaesaurum:

Actinia crassicornis <i>D. Ch.</i> scilicet	Anemonia sulcata	hujus enchiridii
A. edulis <i>Cav.</i> -	Anemonia sulcata var. . . . -	-
A. pedunculata <i>D. Ch.</i> . . . -	Bunodes Ballii -	-
A. crystallina <i>Cav.</i> -	?	-
A. effoeta <i>D. Ch.</i> -	} Calliaetis effoeta -	-
A. Rondeletii <i>D. Ch.</i> -		-
A. carcinopados <i>D. Ch.</i> . . . -	Adamsia palliata -	-
A. aurantiaca <i>D. Ch.</i> -	Cereactis aurantiaca -	-
A. Cari <i>D. Ch.</i> -	Actinia cari -	-
A. rubra <i>D. Ch.</i> -	Act. mesembryanthemum -	-
A. elongata <i>D. Ch.</i> -	Heliaetis viduata -	-
A. bellis <i>D. Ch.</i> -	Heliaetis bellis -	-
A. diaphana <i>D. Ch.</i> -	Ilyanthus diaphanus -	-

<i>Actinia hyalina D. Ch.</i>	scilicet	?	. . . . .	hujus enchiridii
<i>A. rufa D. Ch.</i> . . . . .	-	?	. . . . .	-
<i>A. bimaculata Grube</i>	-	Bunodes gemmacea	. . . . .	-
<i>A. Chamaeleon Grube</i>	-	Aiptasia Chamaeleon	. . . . .	-
<i>A. elongata Grube</i>	-	} Cerianthus membranaceus	. . . . .	-
<i>Cerianthus cornucopiae D. Ch.</i>	-		} Cerianthus membranaceus
<i>C. Brerae D. Ch.</i>	-	<i>C. solitarius</i> . . . . .	. . . . .	-
<i>C. actinioides D. Ch.</i>	-	<i>Ilyanthus stellatus</i> . . . . .	. . . . .	-
<i>Cladactis Costae Panc.</i>	-	<i>Cladactis Costae</i> . . . . .	. . . . .	-
<i>Halcampa Claparèdii Panc.</i>	-	<i>Edwardsia Claparèdii</i> . . . . .	. . . . .	-
<i>Gephyra Dohrnii v. Koch</i>	-	<i>Gephyra Dohrnii</i> . . . . .	. . . . .	-
<i>Madrepora deundata</i>	-	<i>Mammillifera denudata</i> . . . . .	. . . . .	-
<i>Zoanthus lobatus D. Ch.</i>	-	<i>Zoanthus lobatus</i> . . . . .	. . . . .	-
<i>Z. arenaceus D. Ch.</i>	-	<i>Polythoa arenacea</i> . . . . .	. . . . .	-

Ex hoc patet me tres harum species, *Act. crystallinam*, *Act. hyalinam*, *Act. rufam*, non reperisse. Haec nullius tamen momenti res est, quod earum prima et altera uni eidemque formae, et vero larvali cujusdam speciei stadio, sane pertinent, dum tertia obscurâ eomodo diagnosi statuta est ut nunquam iterum tute recognoscetur; quod omnes igitur, quin moereatur, plane reiicendas esse videntur.

Antequam ad specierum enumerationem veniam prorsus necessarium esse reor nonnulla praemittere quae ad earum distributionem pertinent; scilicet synopticam localitatum seriem addere e quibus crebro specimina obtinui:

Carminè	<i>Paractis rugosa</i>
Molo vecchio	<i>Paractis comata</i> , <i>Bunodes sabelloides</i> , <i>Aiptasia Chamaeleon</i>
Molo nuovo	<i>Heliactis troglodytes</i>
Santa Lucia	<i>Heliactis bellis</i> , <i>Hel. troglodytes</i> , <i>Hel. viduata</i> , <i>Phellia armata</i> , <i>Cerianthus solitarius</i>
Castello dell' uovo	<i>Cerianthus membranaceus</i> var. α
Villa Nazionale	<i>Cerianthus membr.</i> var. α , β , γ
Mergellina	<i>Anemonia sulcata</i> , var. ζ , <i>Ilyanthus diaphanus</i> , <i>Cerianthus</i> , <i>Heliactis viduata</i>
Secca di Chiaja	<i>Gephyra Dohrnii</i> , <i>Phellia</i> , <i>Edwardsia Claparèdii</i>
Palazzo di Donn' Anna	<i>Phellia limicola</i> , <i>Peachia triphylla</i> , <i>Halcampa</i>
S. Pietro e due Frati	<i>Actinia Cari</i> , <i>Bunodes gemmaceus</i> , <i>Aiptasia turgida</i> , <i>Heliactis bellis</i> , <i>Anemonactis magnifica</i>
Punta di Posillipo	<i>Heliactis viduata</i> , <i>Cereactis aurantiaca</i> , <i>Bunodes crassus</i> , <i>Ilyanthus diaphanus</i> , <i>Edwardsia Claparèdii</i> , <i>Ilyactis torquata</i>
Marepiano	<i>Bunodes gemmaceus</i>
Gajola	<i>Aiptasia saxicola</i> , <i>Heliactis bellis</i>

Grotta dei Tuoni	Bunodes gemmaceus
Secca della Gajola	Phellia nummus, Aureliania augusta
Secca di Bendapalumbo	Phellia timida, Edwardsia Claparèdii, Ilyanthus stellatus, Gephyra Dohrnii
Lazzaretto di Nisita	Actinia mesembryanthemum
Grotta di S. Giov. a Nisita	Anemonia sulcata
Porto di Nisita	Aiptasia turgida
Castello d' Ischia	Aiptasia chamaeleon
Secca di Forio	Phellia cylinder, Edwardsia Claparèdii
Faraglioni di Capri	Phellia nummus
Ponza	Phellia nummus.

His perspectis et cognitis, systematicum iter ingredi licet. Vale, candide lector, et observationibus quae tibi traditurus sum fruire.

Neapoli, Idibus Septembris MDCCCLXXX.

Catalogus specierum systematicus.

Actinozoa malacodermata.

- Zoanthaires, *Blainville* 1830 (abs. Gen. Lucernaria).
 Zoocorallia polyactinia, *Ehrenberg* 1834 (abs. Trib. Fungina).
 Helianthoida, *Johnston* 1838 (abs. Gen. Lucernaria), *Forbes* 1840 (id.).
 Polypa actinia, *Delle Chiaje* 1841 (abs. Gen. Caryophyllea).
 Zoanthaires malacodermés, *Milne Edwards* 1857.
 Polycyclia enallonemata malacodermata et Polycyclia paranemata, *Bronn* 1859.
 Actinaria, *Gosse* 1860 (abs. Trib. Caryophyll. [pars], Madrepor. Antipath.).
 Actinaria, *Verrill* 1865 (abs. Subord. Antipathacea).
 Actinaria, *Verrill* 1866.
 Malacodermen, *Klunzinger* 1877.

Animalia coelenterata multi-septata, corpore solitario, rarius gregario molli vel granulis lapideis instructo, tentaculato.

A. Actininae.

- Zoanthaires mons, *Blainville* 1830 (abs. Gen. Lucernaria et Moschata).
 Actinina, *Ehrenberg* 1834 (abs. Gen. Lucernaria).
 Actinia (genus), *Delle Chiaje* 1841.
 Actinidae, *Milne Edwards* 1857 (abs. Gen. Edwardsia et Trib. Zoanthinae).
 Astracacea, *Gosse* 1860 (abs. Gen. Edwardsia et Cerianthus).
 Actinacea, *Verrill* 1865 (abs. Gen. Edwardsia et Cerianthus).
 Actinaria, *Verrill* 1866 (abs. Fam. Cerianthidae et Zoanthidae, nec non Gen. Edwardsia).
 Actinidae, *Klunzinger* 1877.

Actinozoa malacodermata, solitaria, mollia; tentaculis multis, simplicibus vel compositis, ordine unico marginali dispositis.

α) Thallassianthianae
(non Neapolitanae).

Actininae tentaculis ramosis, acervulatis, dendriticis.

β) Phyllactinianae
(Neapolis sinu ignotae).

Actininae tentaculis variis; aliis simplicibus, aliis multifidis, palmatis, acervulatisque.

γ) Myniadianae
(Parthenopeo mari desunt).

Actininae tentaculis simplicibus, basi nectocystide instructa.

δ) Actinianae.

Actininae, *Milne Edwards* 1857 (abs. Gen. Edwardsia).

Actiniana, *Bronn* 1859 (abs. Gen. Edwardsia).

Astraeacea, *Gosse* 1860 (abs. Fam. Metridiadae et Myniadiidae, nec non Gen. Edwardsia et Cerianthus).

Actinidae, *Verrill* 1862 (abs. Subfam. Phyllactinae).

Actininae tentaculis simplicibus, basi absque nectocystide.

Fam. 1a. Actinidae.

Actiniae generis pars, *Blainville* 1830.

- - - *Ehrenberg* 1834.

- - - *Delle Chiaje* 1841.

Actinines vulgaires, *Milne Edwards* 1857 (abs. Gen. Capnea, Corynactis Heteractis, Melactis).

Actiniadae, *Gosse* 1858.

Actiniadae et Antheadae, *Gosse* 1860 (abs. Gen. Aiptasia).

Actininae subfam. et Antheidae, *Verrill* 1862.

Actininae, *Verrill* 1868—71 (abs. Gen. Corynactis et Aiptasia), *Klunzinger* 1877.

Actinianae fixae; columnâ laevi, imperforata; acontis nullis; tentaculis subuliformibus vel cylindro-acuminatis.

Gen. I. Actinia.

Urtica (pars), *Belon*, *Rondelet*, *Gesner*, *Aldrovandus*, *Tabernaemontanus* etc.

Urtica (pars), *Linnaeus* 1735.

Priapus (pars), *Linnaeus* 1758, *Baster* 1762, *Forskael* 1776.

Hydra (pars), *Gaertner* 1762, *Gmelin* 1788.

Actinia (pars), *Linnaeus* 1766, *Ellis* 1767, *Brown* 1776, *Müller* 1776, *Pennant* 1777, *Ellis* et *Solander* 1786, *Linnaeus-Gmelin* 1788, *Cuvier* 1798, *Oken* 1815, *Delle Chiaje* 1825 etc. etc.

Actinia Eutacmaea (pars), *Ehrenberg* 1834.

Actinia, *Milne Edwards* 1857, *Bronn* 1859, *Gosse* 1860, *Ferrill* 1862, *Klunzinger* 1877.

Actinidae chromophoris discretis, tentaculis retractilibus, parvis.

Sp. 1. *Actinia equina*.

- Syn.** 1551, *Urtica rubra*, *Belon*, *Aq.*, p. 342.
 1554, - - *Rondelet*, *Aq.*, lib. 17. p. 381.
 1556, - - *Gesner*, *Aq.*, p. 1240.
 1590, ? - *marina*, *Tabernaemontanus*, p. 1122.
 1606, - *rubra*, *Aldrovandus*, p. 568.
 1650, - - *Jonston*, tab. 18. fig. 2.
 1700, *Ortie de mer*, *Réaumur*, p. 466, tab. 10. fig. 22, 23.
 1735, *Urtica* (?) *marina*, *Linnaeus*.
 1748, *Medusa species prima*, *Hill*.
 1754, *Tethys* (*mentula*) *semiovatus*, *Linnaeus*, vol. 1. p. 93.
 1758, *Priapus equinus*, *Linnaeus*, p. 656.
 1760, *Hydra disciflora mesembryanthemum*, *Gaertner*, p. 83, tab. 1. fig. 5.
 1762, *Priapus equinus*, *Paarde-schaft*, *Baster*, vol. 2. p. 139. tab. 13. fig. 2.
 1766, *Actinia equina semiovalis*, *Linnaeus*, p. 1088. num. 1.
 1773, *Anémone de la première espèce*, *Dicquemare*, vol. 63. p. 634. tab. 16. fig. 1, 2.
 1776, *Actinia subfusca mollis*, *Brown*, p. 757.
 — *Actinia equina*, *Müller*, *Prodr.* p. 231. num. 2793.
 — *Priapus ruber*, *Forskael*, p. 101. tab. 17. fig. A.
 1786, *Actinia Mesembryanthemum*, *Ellis et Solander*, p. 4.
 1788, - *rufa*, *Müller*, *Zool.*, vol. 1. p. 23. tab. 23. fig. 1, 2, 3.
 — - (?) *rufa*, *Linnaeus-Gmelin*, p. 3131.
 — - *Mesembryanthemum*, *Id.*, p. 3868.
 1789, ? - *iris*, *Müller*, *Zool.* vol. 3. p. 3. tab. 82. fig. 5, 6.
 — ? - *fiscella*, *Müller*, *Zool.* vol. 3. p. 13. tab. 88. fig. 3.
 1798, - *purpurea*, *Cuvier*, p. 653.
 1804, - *rubra*, *Renier*, *Prodr.* p. 22.
 1807, - *mesembryanthemum*, *Turton*, p. 130.
 1812, - *hemisphaerica* }
 — - *equina* } *Pennant*, *Zool.* vol. 4. p. 104, 105, 106.
 — - *anemone* }
 — - *rufa* }
 1816, ? - *rufa*, *Lamarek*, vol. 3. p. 67.
 — ? - *rufa*, *Cuvier*, *Dict.*, vol. 1. p. 249.
 1823, - *rubra*, *Delle Chiaje*, vol. 4. p. 242, 283. tab. 17. fig. 1.
 1824, - - *Encyclop. méth.* p. 13. tab. 73. fig. 3.
 1826, - *corallina*, *Risso*, p. 285.
 1829, - *Mesembryanthemum*, *Rapp*, p. 52. tab. 2. fig. 1.
 — ? - *rufa*, *Rapp*, p. 53.
 1830, - *rubra*, *Blainville*, p. 292.
 1831, - *rubra*, *Gravenhorst*, p. 131.

- Syn.** 1834, ? Actinia Entacmaea mesembryanthemum, *Ehrenberg, Roth*, p. 34.
 1836, - margaritifera, *Templeton*, vol. 9. p. 304. fig. 50.
 — ? - zonata, *Rathke*, p. 140.
 1838, - mesembryanthemum, *Couch*, vol. 3. p. 74.
 1840, - - *Grube*, p. 10.
 — - rufa, *Roget*, p. 195. fig. 86, 87.
 1841, - rubra, *Delle Chiaje*, vol. 4. p. 126, vol. 5. p. 135. tab. 153. fig. 1.
 1844, - equina, *Contarini*, p. 69. tab. 1 a, 2.
 — - rubra, - p. 79. tab. 3 a, b, c.
 1847, - mesembryanth., *Johuston*, vol. 1. p. 210. tab. 36. fig. 1, 3.
 — - margaritifera, id., vol. 1. p. 213. fig. 46.
 — - chiocecca, id., vol. 1. p. 210. tab. 36. fig. 4—6.
 1848, - mesembryanth., *Dalyell*, vol. 2. p. 203. tab. 45, 47. fig. 1—7.
 — - cerasum, id., vol. 2. p. 219. tab. 46. fig. 1—5.
 1851, - - } *Cocks*, p. 5. tab. 1. fig. 7—11, 15.
 — - margaritifera } id. p. 5.
 — - chiocecca } id. p. 5. tab. 1. fig. 14.
 1854, - equina (exondante), *Holland*, p. 12, 23.
 — - mesembryanth., *Gosse*, Aq. tab. 2.
 1855, - - *Jordan*, p. 82.
 — - - *Gosse*, Linn. Tr., p. 274, *Gosse*, Man. Mar. p. 30. fig. 43.
 1856, - - *Gosse*, Tenby, p. 370.
 — - - } *Tugwell*, p. 52.
 — - fragacea } id. p. 53. tab. 5.
 1857, - equina
 — - margaritifera } *Milne Edwards*, p. 239, 240, 241.
 — - fiscella }
 — - Forskalii }
 — - cerasum }
 — - chiocecca }
 1860, - mesembryanthemum, *Gosse*, Actinol. p. 175. tab. 6. fig. 1—7.
 1872, - equina, *Lacaze Duthiers*, Arch. vol. 1. p. 303.
 1875, - - *Fischer*, Compt. R. vol. 86. p. 1207.

Descr. — Actinia oncu hemisphaerico.

Hab. — Pluribus e Gulfi brevibus, sinubus, rupibusque; superficiem maris saxis adnata diligit.

Varietates: α) rubra = corpore rubro, chromophoris coeruleis.

β) coccinea = corpore coccineo, chromophoris albescensibus. *Delle Chiaje*.

γ) castanea = corpore castaneo, chromophoris luteolis.

Observ.: Hujus speciei nomina compluria a variis auctoribus data reiicienda esse censeo.

Sp. 2. Actinia Cari.

Syn. 1823, Actinia Cari (castagnara), *Delle Chiaje*, vol. 2. p. 243.

1826, - concentrica, *Risso*, vol. 5. p. 286.

- Syn.** 1829, *Actinia Cari*, *Delle Chiaje*, vol. 17. p. 472.
 — - ? *depressa*, *Rapp*, p. 58. tab. 3. fig. 4.
 1830, - *Cari*, *Blainville*, p. 292.
 1831, - *adpersa*, *Gravenhorst*, p. 127.
 1834, - *Entacmaea mesembryanthemum*, *Ehrenberg*, p. 34.
 1836, ? - *zonata*, *Rathke*, p. 140.
 1837, - *adpersa*, *Deshayes* in *Lamarck* vol. 1. p. 540.
 1840, - *adpersa*, *Grube*, p. 10.
 1841, - *Cari*, *Delle Chiaje*, vol. 4. p. 126, [vol. 5. p. 138. tab. 153. fig. 2.
 1844, - *concentrica*, *Contarini*, p. 83. tab. 3 d, e, f.
 1849, ? - *tabella*, *Drayton* in *Dana*, Expl. tab. 2. fig. 9 a, b.
 — - *graminea*, - - - - - fig. 10 a, b.
 1857, - *equina*, *Milne Edwards*, p. 240.
 1859, ? - *tabella*, *Drayton* in *Dana*, Syn. p. 6.
 — - *graminea*, - - - - - p. 7.
 1860, - *Cari*, *Gosse*. *Actinol.* p. 182.

Descr.: *Actinia oncu depresso*.

Hab.: *A. brevibus Pausilypi*, *S. Petri*, *Oppidique Ovi*; — *profunda Mtr.* 0,50—1,00; — *saxis affixa*.

Varietates: α *concentrica* = *concentrice zonata*.

β *radiata* = *radiatim zonata*; *oncu Fissurellae*.

Gen. II. Anemonia.

Urtica (pars), *Belon* 1551, *Rondelet*, *Gesner*, *Aldrovandus* etc.

—, *Janus Plancus* 1739.

Actinia (pars), *Baster* 1760, *Müller* 1776, *Pennant* 1777, *Linnaeus-Gmelin* 1788, *Lamarck* 1816, *Delle Chiaje* 1825, *Rapp* 1829, *Grube* 1840, *Hollard* 1854.

Hydra (pars), *Gaertner* 1762, *Gmelin* 1788.

Priapus (pars), *Forskael* 1776.

Anemonia, *Risso* 1826, *Klunzinger* 1877.

Actinocereus (?), *Blainville* 1830.

Entacmaea (pars), *Ehrenberg* 1834.

Anthea, *Johnston* 1838, *Hassal* 1841, *Gosse* 1855, 1860.

Anemonia (pars), *Milne Edwards* 1857, *Fischer* 1875.

Actinidae chromophoris nullis; *tentaculis non retractilibus*, *longis instructae*.

Sp. 3. *Anemonia sulcata*.

Syn. 1551, ? *Urtica rubra*, *Belon*, *Aquat.* p. 342.

1554, - *cinerea*, *Rondelet*, *Poiss.* lib. 17. cap. 13.

1556, - - } *Gessner*, *Aquat.* p. 1241.

— - *explicata* } *id.* *ibid.* p. 1037.

1606, - *cinerea* } *Aldrovandus*, *Zooph.* p. 568.

— - *saxo-innata* }

- Syn.** 1739, *Urtica* . . ? *Janus Plancus*, *Conch.*, p. 110. tab. 9. fig. e, f.
 1760, *Actinia rugis longitudinalibus*, *Baster*, *Op.* vol. 3. p. 120. tab. 13. fig. 1.
 1762, *Hydra tentaculis denudatis*, *Gaertner*, vol. 52. p. 78. tab. 1. fig. 1.
 1776, *Actinia rubra*, *Müller*, *Prodr.* 2792.
 — *Priapus viridis*, *Forskael*, p. 102. tab. 27.
 1786, *Actinia cereus*, *Ellis et Solander*, *Zooph.* p. 11.
 1788, — *viridis* } *Linnaeus-Gmelin*, p. 3134.
 — *Hydra cereus* } id. p. 3867.
 1798, *Actinia crassicornis*, *Maerì* (*Atti* 1825), vol. 2. p. 67. tab. 2. fig. 1, 2.
 1812, — *sulcata*, *Pennant*, *Zool.* vol. 4. p. 102.
 1816, — *sulcata*, *Lamarck*, *Hist.* vol. 3. p. 69.
 1817, — ? *Cuvier*, *Règne* vol. 3. p. 261.
 1824, — *viridis*, *Encyclop. méthod.* tab. 72. fig. 7.
 1825, — *crassicornis*, *Delle Chiaje*, *Notom.* vol. 2. p. 241.
 1826, ? *Anemonia vagans* } *Risso*, vol. 5. p. 288.
 — — *edulis* } id. *ibid.* p. 289.
 1829, *Actinia cereus*, *Rapp*, *Polyp.* p. 56. tab. 2. fig. 3.
 1830, — *vagans* }
 — *Actinocereus sulcata* } *Blainville*, *Zooph.* p. 292, 294.
 — *Actinia edulis* }
 — — *crassicornis* }
 1831, — *viridis*, *Gravenhorst*, *Terg.* p. 132.
 1834, *A. Entacmaea cereus*, *Elhrenberg*, *Roth.* p. 35 (non *crassicornis*).
 — *Actinocereus sulcatus* } *Blainville*, *Actinol.* p. 325, 327. tab. 47.
 — *Actinia viridis* } fig. 1—4.
 1838, *Anthea cereus*, *Johnston*, *Zooph.* p. 221.
 1840, *Actinia cereus*, *Grube*, p. 11 (cum varietate).
 1841, — *crassicornis*, *Delle Chiaje*, *Anim.* vol. 4. p. 125, vol. 5. p. 137. tab. 152. fig. 4.
 — *Anthea cereus*, *Hassal*, *Ann.* VII. p. 186.
 1844, *Anemonia cereus*, *Contarini*, p. 169. tab. 16, 17, 18.
 1847, *Anthea cereus*, *Johnston*, *Zooph.* 2 a. p. 240. tab. 44.
 1849, *Actinia flagellifera*, *Drayton* in *Dana*, *Expl.* tab. 1. fig. 1 a, b, c.
 1851, *Anthea cereus*, *Cocks*, *Rep.* p. 10. tab. 2. fig. 23, 27.
 1852, *Entacmaea phaeochira*, *Schmarda*, *Adr.* p. 16. tab. V. fig. 6.
 1854, *Actinia viridis*, *Hollard*, *Mag.* *Guer.* p. 25.
 1855, *Anthea cereus*, *Gosse*, *Man. Mar.* fig. 37.
 1856, — — *Tugwell*, *Man.* tab. 7.
 1857, *Anemonia sulcata*, *Milne Edwards*, *Cor.* p. 234.
 1859, *Actinia flagellifera*, *Drayton* in *Dana*, *Syn.* p. 5.
 1860, *Anthea cereus*, *Gosse*, *Actinol.* p. 162. tab. 5. fig. 2, tab. 6. fig. 9.
 1875, *Anemonia sulcata*, *Fischer*, *Compt. R.* vol. 86. p. 1207.

Descr. — *Anemonia striis longitudinalibus*.

Hab. Ubicunque frequens; communissima in spelunca S. Johannis Nisitae; — profunda Mtr. 3,00: saxis adnata.

Var.: α) *rosea* = tentaculis crassis apice rubris.

β) *viridis* = tentaculis crassis apice glaucis.

γ) *albida* = tentaculis crassis apice albescentibus.

- δ) plumosa = tentaculis filiformibus, fuscis homochromis. An *Actinia plumosa* Macrii huc pertinet?
 ε) parva = tentaculis albo-maculatis.
 ζ) splendida = tentaculis niveis, apice rubris (*Mergellina*).

Gen. III. Paractis.

Actinia (pars) — auctorum.

Entacmaea (pars) — *Elvrenberg* 1834.

Paractis (pars) — *Milne Edwards* 1857, *Verrill* 1869, *Klunzinger* 1877, *Studer* 1878.

Actinidae chromophoris carentes, tentaculis retractilibus mediocribus. — Non naturale, negativum quasi, genus hoc est, quod studio mox dividendum erit.

Sp. 4. *Paractis rugosa*.

Syn. 1852, *Entacmaea chromatodera*, *Schmarda*, p. 15. tab. 5. fig. 3—5.

Descr. *Paractis* columnâ cylindrica, transverse striata, tentaculis rigidiusculis.

Hab. In Portu prope Carminem, M^{is}. 6,00 profunda; frequens.

Observ. Species haec varietas E. chromatoderae est, abs qua bicoloris collaris absentia differt. *Schmardianum* attamen nomen, quod hunc characterem tantum attingit, inaptum speciei dignitati censeo.

Sp. 5. *Paractis comata*.

Descr. *Paractis* columnâ crassa, laevi, tentaculis crassiunculis, plurimis, desiliantibus.

Hab. In Portu ad Molo vecchio, — M^{is}. 0,50 profunda.

Varietates. α) simplex = peristomate unicolori.

β) crucifera = peristomate cruce-signato.

Sp. 6. *Paractis punctata*.

Syn. 1788, ? *Actinia coccinea*, *Müller*, *Zool.* vol. 2. p. 30. tab. 63. fig. 1—3.

Descr. *Paractis* columnâ cylindrica, crassa, superius punctata; tentaculis haud rigidis.

Hab. Nescio unde.

Observ. Columnae punctis apud *Cereactidas* reponenda foret.

Gen. IV. *Gephyra*.

Gephyra, v. *Koch*, 1877.

Actinidae basi *Gorgoniarum* ramos amplectente, membranamque peculiarem secernente instructae.

Sp. 7. *Gephyra Dohrnii*.

Syn. 1877, ? *Actinia abissicola*, *Moseley*, *Linn. Tr.* ser. 2a. vol. 1. p. 297. tab. 45. fig. 5.

— — gelatinosa, id. ibid. fig. 6.

Syn. 1877, *Gephyra Dohrnii*, v. Koch, Morph. J. vol. 4. suppl. p. 98. tab. 5. fig. 1—8.

1878, ? *Corynaetis carnea*, Studer, Berl. Ak. 1879. p. 542. tab. 4. fig. 13.

Descr. *Gephyra parva*, multitentaculata, rosca.

Hab. E Chiajae, Bendapalumbi, Gajolae, coeterumque fundis allata; fragilibus Gorgoniarum, Isidumve ramis affixa.

Observ. Praeter hanc, quam *De Kochius* primus *Gephyrae* sub nomine provulgavit nullae hucusque innotuerunt similes formae; nisi quae a *Moseleyo* et a *Studero* pictae descriptaeque fuerunt. Utrum inter se structurâ affines sint adhuc investigandum est.

Fam. 2a. Bunodidae.

Bunodidae, *Gosse* 1855.

Actinines verruqueuses (pars), *Milne Edwards* 1857.

Bunodidae, *Gosse* 1858, 1860, *Verrill* 1862, *Studer* 1878¹.

Cereae, *Duchassaing* et *Michelotti* 1866.

Bunodinae, *Verrill* 1868, *Klunzinger* 1877.

Actinianae fixae, columnâ verrucosa, imperforata; acontis nullis; tentaculis subulatis instructae.

Gen. V. Bunodeopsis.

Bunodidae tuberculis inaequalibus, irregularibus, oblongis.

Sp. 8. Bunodeopsis strumosa.

Descr. *Bunodeopsis parva*, formâ varia, oncu exiguo.

Hab. A brevibus Gajolae allata; — foliis Cymodocearum semper adnata; — profunda *Mis.* 3,00.

Observ. Interdum, cum Cymodoceae evulsae, vastoque in mari nantes sint, specimina quaedam pelagico quasi habitu praedita esse videntur.

Gen. VI. Bunodes.

Actinia (pars) — auctorum.

Cribrina (pars), *Ehrenberg* 1834.

? *Aulaetinia*, *Agassiz* 1849, *Verrill* 1864.

Bunodes, *Gosse* 1855, 1858, 1860, *Verrill* 1862, 1864, *Klunzinger* 1877, *Studer* 1878.

Cereus (pars), *Milne Edwards* 1857 (non *Oken* 1815).

Bunodidae tuberculis aequalibus vel subaequalibus, simplicibus hemisphaericis.

Sp. 9. Bunodes gemmaceus.

Syn. 1762, *Hydra disciflora* (granulis miliaribus), *Gaertner*, Ph. Tr. vol. 52. p. 82. tab. 1. fig. 4.

1773, ? *Anémone* de la seconde espèce, *Dicquemare*, Ph. Tr. vol. 63. p. 364. tab. 16. fig. 10.

¹ Studerius Bunodidis Actinopsidem et Paraetidem adscribit, quod erroneum valde existimo dummodo fortuita typographica transpositio non sit.

- 1777, *Actinia verrucosa*, *Pennant*, Zool. vol. 4. p. 49.
 1786, - *gemmacea*, *Ellis et Solander*, Zooph. p. 3.
 1788, *Hydra gemmacea*, *Linnaeus-Gmelin*, p. 3868.
 1797, ? *Actinia coriacea*, *Cuvier*, Tabl. p. 653.
 1809, ? - - *Spix*, Mus. vol. 13. p. 460. tab. 2. fig. 1.
 1812, - *verrucosa*, *Pennant*, Zool. vol. 4. p. 103.
 1816, - - *Lamarck*, Hist., 1 a. vol. 3. p. 70.
 1817, - - *Cuvier*, Reg. 1 a.
 1824, - *glandulosa*, *Encyclop. method.* p. 15. tab. 70. fig. 4.
 1829, - *verrucosa*, *Rapp*, Polyp. p. 50.
 1834, *Cribrina verrucosa*, *Ehrenberg*, Cor. p. 40.
 1837, *Actinia verrucosa* }
 — *Cribrina* - } *Lamarck* 3 a. p. 242, 547.
 1840, *Actinia bimaculata*, *Grube*, Act. p. 4. fig. 4.
 1841, - *pedunculata*, *Delle Chiaje*, Anim. vol. 4. p. 125. vol. 5.
 p. 137. tab. 152. fig. 10, 11.
 1844, - *verrucosa*, *Contarini*, p. 157. tab. 14.
 1847, - *gemmacea*, *Johnston*, Zooph. 2 a. vol. 1. p. 223. tab. 38.
 fig. 6, 9.
 1851, - *gemmacea* *Cocks*, Rep. 7. tab. 1. fig. 24, 25, 28.
 1853, - - *Gosse*, Devon. p. 168. tab. 8. fig. 1—4.
 1855, *Bunodes* - *Gosse*, Linn. Tr. vol. 21. p. 274.
 1856, - - *Gosse*, Ann. 3 a. vol. 1. p. 417.
 —, - - *Gosse*, Man. Mar. vol. 1. p. 29.
 1857, *Cereus gemmacens* }
 — - *bimaculatus* } *Milne Edwards*, Cor. p. 265.
 1860, *Bunodes gemmacea*, *Gosse*, Actin. p. 190. tab. 4. fig. 1, 2.
 1872, - - *Lucaze Duthiers*, Arch. vol. 1. p. 377.
 1875, - *verrucosus*, *Fischer*, Compt. R. vol. 86. p. 1207.

Descr. *Bunodes tuberculis* seu *verrucis aequalibus*, serie multipla regulari longitudinali dispositis, tentaculis conicis crassiunculis.

Hab. Haud rara in aquis S. Petri, Nisitae, Mergellinae, S. Luciae; — profunda Mtr. 2,00—6,00. — Nec non in imis Benda palumbi fundis; — profunda Mtr. 60,00.

Varietates: I. *Tuberculorum columnae series* sunt: sex albidae regulariter radiatae, decem et octo griseae primis trine interpositae (Mtr. 2,00—6,00).

α) *oeracea* = peristomate rufo-luteo, zonâ nigra peripherica, tentaculis griseis nigro-albo-maculatis.

β) *pallida* = peristomate albo-luteo, zonâ nulla, tentaculis griseis niveo-maculatis.

γ) *viridescens* = peristomate viridi-luteo, zonâ nulla, tentaculis roseo-maculatis.

II. *Tuberculorum columnae series omnes griseae* (Mtr. 60,00).

δ) *rosea* = peristomate roseo, zonâ nulla, tentaculis roseis albo-maculatis.

ε) *nigricans* = peristomate nigricante.

Observ. Varietatum α, β, γ, oncus *Clypeastridis* seu *Spatangidis* simile.

Sp. 10. *Bunodes Ballii*.

- Syn.** 1762, ? *Hydra disciflora*, *Gaertner*, Ph. Tr.
 1777, ? *Actinia verrucosa*, *Pennant*, Zool.
 1809, ? - coriacea, *Spix*, Mus.
 1816, - - *Lamarck*, Hist. 1 a.
 1817, - - *Cuvier*, Règ. 1 a.
 1823, - glandulosa, *Otto*, Curios. vol. 11. p. 293.
 1824, - - Encycl. méth.
 1825, ? - pedunculata, *Delle Chiaje*, Notom. vol. 2. p. 41. tab. 16. fig. 10.
 1826, - glandulosa, *Risso*, Europe. vol. 5. p. 288.
 1829, - - *Rapp*, Polyp. p. 50. tab. 1. fig. 3, 4.
 1830, - - *Blainville*, Zooph.
 1831, - ? *Gravenhorst*, Terg. p. 135.
 1834, *Cribrina glandulosa*, *Ehrenberg*, Cor. p. 41.
 1836, ? *Actinia monile*, *Templeton*, Mag. vol. 9. p. 303. fig. 49.
 1837, - glandulosa, *Deshayes* in *Lamarck*, Hist. vol. 1. p. 426.
 1838, - - *Johnston*, Zooph. 1 a. p. 202.
 1840, ? - rubripunctata, *Grube*, Act. p. 4.
 1844, - verrucosa, *Contarini*, p. 157. tab. 14.
 1849, - *Ballii*, *Cocks*, Rep. 94.
 1851, - - *Cocks*, Rep. 9. tab. 2. fig. 9, 17, 18.
 — - clavata, *Thompson*, Zoologist, App. 127.
 1853, - - *Gosse*, Ann. 2 a. vol. 12. p. 127.
 — - - *Gosse*, Aq. p. 35.
 1854, - - *Tugwell*, Man. p. 100. tab. 4.
 1855, - - *Jordan*, Ann. 2 a. vol. 15. p. 88.
 — *Bunodes* - *Gosse*, Linn. Tr. vol. 21. p. 274.
 1857, *Cereus* - }
 — - glandulosus } *Milne Edwards*, Cor. p. 267, 265.
 1858, *Bunodes clavata*, *Gosse*, Ann. 3 a. vol. 1. p. 417.
 1860, - *Ballii*, *Gosse*, Actin. p. 198. tab. 4. fig. 4.
 1875, - - *Fischer*, Compt. R. vol. 86. p. 1207.

Descr. *Bunodes tuberculis aequalibus, tentaculis conicis, tenuibus.*

Hab. E Pausilypo prope Gajolam; — rara.

Sp. 11. *Bunodes rigidus*.

- Syn.** 1762, ? *Hydra disciflora* *Gaertner*, Ph. Tr. vol. 52. p. 82. tab. 1. fig. 4.
 1777, ? *Actinia verrucosa*, *Pennant*, Zool. vol. 4. p. 49.
 1824, ? - glandulosa, Encycl. méthod. p. 15. tab. 70. fig. 4.
 1825, - pedunculata, *Delle Chiaje*, Notom. vol. 2. p. 41. tab. 16. fig. 10.
 1833, ? - fusco-rubra, *Quoy et Gaymard*, Astr. Zooph. p. 144. tab. 11. fig. 7, 8, 9.
 1840, ? - rubripunctata, *Grube*, Act. p. 4.

Descr. Bunodes tuberculis subaequalibus, tentaculis validis, acuminatis, rigidis.

Hab. In aquis S. Luciae, Pausylipique Capo di Posillipo; haud frequens.

Varietates. α) viridis = peristomate viridi, tentaculis internis badiis, externis albidis.

β) fusca = peristomate fusco, tentaculis internis fuscis externis virido-albidis.

γ) rosea = peristomate roseo, tentaculis internis laete rubris, mediis roseis, externis albis.

Sp. 12. Bunodes crassus.

Syn. 1806, ? Actinia digitata, Müller, Zool. vol. 4. p. 16. tab. 133.

1840, ? - rhododactylos } Grube, Act. p. 2. fig. 1, p. 4.

— ? - rubripunctata }

1857, ? Cereus digitatus, Milne Edwards, Cor. p. 272.

Descr. Bunodes tuberculis subaequalibus; tentaculis crassis, longis, digitatis, flexuosis.

Hab. Ex aquis puteolanis prope Bajam semel et unico in specimine allata.

Sp. 13. Bunodes sabelloides.

Syn. 1840, ? Actinia rubripunctata, Grube, Act. p. 4.

Descr. Bunodes parva tuberculis subaequalibus, incospicuis, tentaculis conicis.

Hab. In portu Neapolitano frequentissima; saxis, conchis, lignis, algis (Ulva lactuca) adnata; superficialis (Mtr. 0,50).

Obs. Vermibus semper sabellinis (Dasichone lucullana) commixta, iisque simillima.

Gen. VII. Cladaetis.

Cladaetis, Panceri 1868, 1869.

Bunodidae tuberculis variis instructae; superioribus vero pedunculato-clavatis, mediis tantum clavatis, infimis simplicibus. — Utrum huic pertineat familiae dubito.

Sp. 14. Cladaetis Costae.

Syn. 1868, Cladaetis Costae, Panceri, Rend.

1869, - - Panceri, Att. vol. 4. No. 11. tab. o. fig. 1.

Descr. Cladaetis tentaculis longissimis, anguiformibus interdum crispis.

Hab. In aquis imis Caprearum, et Gajolae, non infrequens.

Var. α) alba = alba columnâ, tentaculis tubercolisque albis.

β) fusca = columnâ carnea, tentaculorum basi fusca et tuberculorum capitulo badio.

γ) viridis = columnâ lutea, tuberculis viridis.

Obs. Hisce varietatibus multi interpositi gradus extant. — Omnia et varietatum et graduum specimina noctu tantum expanduntur; splendidissima tucc speciei forma patet.

Fam. 3a. Cereactidae.

Actinines verruqueuses (pars), *Milne Edwards* 1857.

Actinianae fixae, columnâ acetabulifera imperforata, acontiiis nullis, tentaculis subulo-digitatis preditae.

Gen. VIII. Cereactis.

Actinia (pars), auctorum.

Cereus (pars), *Oken* 1815, *Milne Edwards* 1857.

Cribrina (pars), *Elrenberg* 1834.

Cereactidae tentaculis longissimis flexuosis, columnâ valde extensibili instructae. — Novum hoc genus propter suam *Milne Edwardsiano* (magis quam *Okenii*) genere *Cereo* affinitatem, *Cereactidis*, affini scilicet, nomine provulgo

Sp. 15. Cereactis aurantiaca

(non *A. aurantiaca*, *Jordan* 1855).

Syn. 1823, *Actinia aurantiaca*, *Delle Chiaje*, *Notom.* vol. 2. p. 438, vol. 3. p. 71, tab. 29. fig. 25, tab. 103. fig. 6.

1835, - *aurantiaca*, *Dujardin* in *Lam. Hist.* vol. 3. p. 419.

1840, - - *Grube*, *Act.* p. 5. fig. 5.

1841, - - *Delle Chiaje*, *Anim.* vol. 4. p. 126. vol. 5. p. 138. tab. 154. fig. 10.

1844, - - *Contarini*, p. 149. tab. 13 a, b.

1857, *Cereus aurantiacus*, *Milne Edwards*, *Cor.* p. 270.

Descr. *Cereactis* adhuc generis characteribus tantum distincta.

Hab. In littoris arenosis Pausilypi et in sinu Mergellinae frequens; Mtr. 5,00 profunda.

Var. α) lutea = a colore columnae.

β) rubra = id.

Obs. Specimina larvis praegnantia mense majo haud rare obtinui.

Fam. 4a. Adamsidae.

Actinines perforées, *Milne Edwards* 1857.

Sagartiadae, *Gosse* 1858, 1860 (abs. Gen. *Phellia*, plus Gen. *Aiptasia*), *Verrill* 1862, *Studer* 1878.

Sagartinae, *Verrill* 1868, 1869, *Klunzinger* 1877.

Actinianae fixae, columnâ laevi vel acetabulifera, perforata; acontiiis abundantissimis; tentaculis subulatis instructae.

Gen. IX. Calliactis.

Urtica (pars), *Rondelet, Gesner, Aldrovandus.*

Priapus (pars), *Baster* 1761.

Actinia (pars), *Linnaeus* 1767, 1788, *Lamarck* 1816, 1837, *Cuvier* 1817, 1829, *Delle Chiaje* 1825, 1841, 1843, *Risso* 1826, *Rapp* 1829, *Couch* 1838, 1841, *Johnston* 1847, *Cocks* 1851, *Gosse* 1854, *Jordan* 1855.

Cereus (pars), *Oken* 1815, 1817.

Cribrina (pars), *Ehrenberg* 1834, *Grube* 1840.

Sagartia (pars), *Gosse* 1855, 1856, 1858, 1860, *Verrill* 1868, *Fischer* 1875.

Adamsia (pars), *Milne Edwards* 1857.

Sagartia, *Thompson* 1858.

Calliactis, *Verrill* 1869, *Klunzinger* 1877, *Studer* 1878.

Adamsidae serie eminentiis cinclidiferis basali praeditae.

Sp. 16. *Calliactis effoeta*.

- Syn.** 1554, *Urtica* species quarta, *Rondelet*, lib. 17. cap. 15. fig. 18.
 1558, - quarta, *Gessner*, lib. 4. p. 1039. fig. 3.
 1606, - - *Aldrovandus*, p. 569.
 1761, Tertia priapi species, *Baster*, vol. 1. p. 122. tab. 14. fig. 2.
 1767, *Actinia effoeta*, *Linnaeus*, vol. 2. p. 1088.
 1788, id. *Linnaeus-Gmelin*, vol. 1. part. 6. p. 3133.
 1816, id. *Lamarck*, vol. 3. p. 68.
 1817, id. (*Act. brune*), *Cuvier*, vol. 4. p. 52.
 1824, id. *Encyclop. method.*, p. 2. tab. 74. fig. 1.
 1825, *Actinia Rondeletii*, *Delle Chiaje*, vol. 3. p. 72. tab. 35. fig. 18.
 1826, *Actinia effoeta*, *Risso*, vol. 5. p. 285.
 1829, id. *Rapp*, p. 54. tab. 2. fig. 2.
 — id. *Cuvier*, vol. 3. p. 292.
 1834, *Cribrina effoeta*, *Ehrenberg*, p. 40.
 1837, *Actinia effoeta*, *Lamarck*, *Hist.* vol. 1. p. 541.
 1838, - parasitica, *Couch*, p. 34.
 1840, *Cribrina effoeta*, *Grube*, p. 12.
 — *Actinia effoeta*, *Milne Edwards*, tab. 62. fig. 1.
 1841, - *Rondeletii* } *Delle Chiaje*, vol. 4. p. 125. vol. 5. p. 137.
 — - *effoeta* } tab. 152. fig. 3.
 — - *hyalina* }
 — - parasitica, *Couch*, vol. 3. p. 80. tab. 15. fig. 1, 2.
 1843, - *Rondeletii*, *Delle Chiaje*.
 1847, - parasitica, *Johnston*, p. 228. tab. 12.
 1851, id. *Cocks*, p. 8. tab. 2. fig. 11.
 1854, id. *Gosse*, *Aq.* p. 144. tab. 4.
 1855, *Sagartia parasitica*, *Gosse*, *Tr. Linn.* p. 274.
 — *Actinia parasitica*, *Jordan*, *Ann.* 2 a. XV. p. 86.
 1856, *Sagartia parasitica*, *Gosse*, *Ann.* 2 a. XVI. p. 294.
 1857, *Adamsia effoeta*, *Milne Edwards*, vol. 1. p. 278.
 1858, *Sagartia parasitica*, *Gosse*, *Ann.* 3 a. I. p. 416.
 1860, *Sagartia parasitica*, *Gosse*, *Actinol.* p. 112. tab. 2. fig. 6.
 1869, ? *Calliactis* ? *Verrill*, *Connect. Acad.* vol. 1. p. 481.

- Syn.** 1875, *Sagartia effoeta*, *Fischer*, *Compt. rend.* vol. 86. p. 1207.
 1877, ? - *polypus*, *Klunzinger*, *Korall.* vol. 1. p. 76. tab. 5. fig. 1.
 1878, ? - *marmorata*, *Studer*, *Monatsb. Berl.* 1878. p. 543. tab. 4. fig. 15.

Descr. *Calliactis cancrisociata*, tentaculis frequentibus.

Hab. Frequens.

Var. α) *nivea* = peristomate cirrisque albis, columnâ striis longitudinalibus albis et fuscis.

β) *aurantiaca* = peristomate cirrisque aurantiacis.

γ) *viridescens* = peristomate albo, columnâ virido-fusca.

δ) *purpurea* = peristomate rubescente, columnâ purpureo-fusca.

ε) *sulphurea* = peristomate luteolo, columnâ sulphureo colore depicta.

Gen. X. *Heliactis*.

Hydra (pars), *Gaertner* 1762.

Actinia (pars), *Pennant* 1777, *Ellis et Solander* 1786, *Lamarck* 1816, *Delle Chiaje* 1825, 1841, 1843, *Gravenhorst* 1831, *Grube* 1840, *Johnston* 1847, *Gosse* 1853.

Actinocereus (pars), *Blainville* 1830.

Isacmaea (pars), *Ehrenberg* 1834.

Cereus (pars), *Agassiz* 1849, *Milne Edwards* 1857, *Verrill* 1862, *Fischer* 1875, ? *Studer* 1878.

Sagartia (pars), *Gosse* 1855, 1858, 1860, *Lacaze Duthiers* 1872, *Heider* 1878.

Scolanthus, *Holdsworth* 1855 (non *Gosse* 1848).

Heliactis, *Thompson* 1858.

Adamsia (pars), *Milne Edwards* 1857.

Paraectis (pars), *Milne Edwards* 1857.

Adamsidae acetabulis superiori corporis parte plurimis instructae. — *Cerei Okenii* nomen huic generi prioritatis jussu vindicandum foret; quo tamen nimis a scriptoribus adusum et compluribus diversissimisque actiniarum generibus inscriptum fuit plane reiicere et aptiore *Thompsonii* synonymo substituere censeo. Quaeque de *Cereo* et de *Ehrenbergii* quidem *Cribrina* dico, nec non de *Gossei* *Sagartia*.

Sp. 17. *Heliactis bellis*.

Syn. 1762, *Hydra calyciflora*, *Gaertner*, *Ph. Tr.* vol. 52. p. 79. tab. 1. fig. 2.

1777, *Actinia pedunculata*, *Pennant*, *Zooph.* vol. 4. p. 49.

1786, - *bellis*, *Ellis et Solander*, *Zooph.* p. 2.

1788, *Hydra bellis*, *Linnaeus-Gmelin*, p. 3868.

1812, *Actinia pedunculata*, *Pennant*, *Zool.* p. 102.

1816, - - *Lamarck*, vol. 3. p. 70.

1824, - - *Encyclop. meth.*, tab. 71. fig. 4.

1825, - *bellis*, *Delle Chiaje*, tab. 107. fig. 1.

1829, - - *Rapp*, p. 50, tab. 1. fig. 1, 2.

- Syn.** 1829, *Actinia bellis*, *Cuvier*, vol. 3. p. 293.
 1830, *Actinocereus pedunculatus*, *Blainville*, p. 294.
 1831, *Actinia bellis*, *Gravenhorst*, p. 130.
 1834, *Cribrina bellis*, *Ehrenberg*, p. 41.
 1835, *Actinocereus pedunculatus*, *Blainville*, *Actin.* p. 327.
 1837, *Actinia pedunculata*, *Deshayes* in *Lam. Hist.* 3 a. vol. 1. p. 544.
 1840, - *bellis*, *Grube*, p. 12.
 1841, id. *Delle Chiaje*, vol. 4. p. 126. vol. 5. p. 138. tab. 156. fig. 1.
 — id. *Hassal*, *Ann.* VII. p. 285.
 1843, id. *Delle Chiaje*.
 1847, id. *Johnston*, *Zooph.* vol. 1. p. 228. tab. 12. fig. 1, 3, 6.
 1849, *Cereus sol*, *Agassiz*, *M. S.*
 1851, *Actinia Templetonii*, *Cocks*, p. 8. tab. 2. fig. 10, 14.
 1853, - *bellis*, *Gosse*, *Devon.* p. 25. tab. 1. fig. 1, 2.
 1854, - *pedunculata*, *Hollard*, *No.* 4. p. 20.
 1855, *Sagartia bellis*, *Gosse*, *Linn. Tr.* p. 274.
 — id. *Gosse*, *Man. Mar.* p. 28. fig. 41.
 1860, id. *Gosse*, *Actinol.* p. 27. tab. 1. fig. 2.
 1862, *Cereus sol*, *Verrill*, *Mem. Bost.* vol. 1. p. 25.
 1864, - - *Verrill*, *Cambr. Mus.*, vol. 1. num. 3. p. 58.
 1872, *Sagartia bellis*, *Lacaze Duthiers*, *Arch.* vol. 1. p. 370.
 1874, *Cereus pedunculatus*, *Fischer*, *Compt. R.* vol. 86. p. 1207.

Descr. *Heliactis tentaculis parvis frequentissimis; margine disci lobate reclinato.*

Hab. Frequens in Portu, et in aquis S. Luciae, Mergellinae, Gajolae; in arena, profunditati Mtr. 0,50.

Var. α) *fusca* = columnâ zonis longitudinalibus alterne luteis et albis; peristomate fusco peripherice punctis pallidioribus maculato, interne striis roseis radiatim ornato; disco (in toto) octo segmentis alternatim pallide et laete coloratis constituto.

β) *pallida* = columnâ quasi alba zonis inoportunis luteolis instar punctorum seriebus; peristomate peripherice luteo et albo, interne fusco et coeruleo; disco (in toto) duodecim segmentis alterne luteo-fuscis et albo-coeruleis constituto.

Sp. 18. *Heliactis troglodytes*.

- Syn.** 1825, *Actinia bellis*, *Delle Chiaje*, tab. 107. fig. 1.
 1826, - *rufa*, *Risso*, vol. 5. p. 285. No. 48.
 1840, - - *Grube*, p. 12.
 1841, - - *Delle Chiaje*, vol. 4. p. 126. vol. 5. p. 138. tab. 156. fig. 1.
 1847, - *troglodytes*, *Johnston*, *Zooph.* p. 216. fig. 47.
 1848, - *elegans* *Dalyell*, p. 226. tab. 47. fig. 9.
 1851, - *troglodytes*, *Cocks*, p. 6. tab. 1. fig. 16.
 1855, *Sagartia troglodytes*, *Gosse*, *Linn. Tr.* p. 274.
 — - - *Gosse*, *Man. Mar.* p. 28.
 — *Scolanthus sphaeroides*, *Holdsworth*, *Z. Soc.* tab. 5. fig. 1, 2, 3.

- Syn.** 1855, *Sagartia aurora*, *Gosse*, Ann. 2 a. XVI. p. 280.
 1856, - - *Gosse*, Tenby p. 356.
 - - troglodytes, *Gosse*, Tenby p. 365.
 1857, *Adamsia elegans* }
 - *Cereus aurora* } *Milne Edwards*, p. 280. p. 266.
 1858, *Sagartia troglodytes*, *Gosse*, Ann. 3 a. I. p. 416.
 1860, - - *Gosse*, Actinol. p. 88. tab. 1. fig. 3. tab. 2. fig. 5. tav. 3. fig. 1, 2. tab. 5. fig. 5.
 1872, - - *Lacaze Duthiers*, Arch. vol. 1. p. 370.
 1877, - - *Heider*, Sitzungsber., Wien., LXXV. p. 370. tab. 1. fig. 1.

Descr. *Heliactis tentaculis validioribus, frequentibus, margine disci erectiori.*

Hab. *Saepe specimina a Gajola et a S. Lucia obtinui, e profunditate*

Mtr. 2,00; *haud rara, saxis affixa.*

Var. α) *sulphurea* = columnâ longitudinaliter fasciata, sulphureo-lutea, peristomate punctis fuscis maculato.

β) *ochracea* = columnâ zonis pallide fuscis et luteis, peristomate ochraceo, interne striis albis radiato.

γ) *aurantiaca* = columnâ luteo-aurantiaca, peristomate rubescente homochromico.

δ) *albicans* = columnâ luteola zonis pallidioribus, peristomate albo, punctis roseis.

Sp. 19. *Heliactis viduata*.

- Syn.** 1606, *Urtica cinerea Rondeletii*, *Aldrovandus*, p. 565.
 1788, *Actinia viduata*, *Müller*, Prod. p. 231. No. 2799.
 - - - } *Müller*, Zool. dan. vol. 2. p. 31. tab. 63. fig. 6, 7, 8.
 - - undata, } *Müller*, Zool. dan. vol. 2. p. 30. tab. 68. fig. 4, 5.
 - - viduata } *Linnaeus-Gmelin*, p. 3133.
 - - undata }
 1825, - *Zebra*, *Grube*, p. 7.
 1830, - *clavata*, *Ilmoni*, p. 694. tab. 7. fig. A, B.
 1831, - *mutabilis*, *Gravenhorst*, p. 142.
 1834, *A. Entacmaea crispa* }
 - *A. Isacmaea viduata* } *Ehrenberg*, p. 36, 34.
 1837, *Actinia viduata* }
 1841, - undata } *Lamarck*, Hist. 3 a. vol. 1. p. 541.
 - - viduata, *Thompson*, Ann. VII. p. 481.
 - - *elongata*, *Delle Chiaje*, vol. 5. p. 138. tab. 98. fig. 19.
 1847, - *anguicoma*, *Johnston*, p. 218. fig. 48.
 1848, - *explorator*, *Dalyell*, p. 227. tab. 46. fig. 11.
 1853, - *anguicoma*, *Gosse*, Devon. p. 96. tab. 1. fig. 9, 10.
 1855, *Sagartia viduata*, *Gosse*, Linn. Tr. p. 274.
 - - - *Gosse*, Man. Mar. p. 28.
 1856, - - *Gosse*, Tenby p. 363.

- Syn.** 1857, *Paractis viduata* } *Milne Edwards*, p. 250.
 — - *undata* }
 1858, *Sagartia viduata*, *Gosse*, Ann. 3 a. I. p. 416.
 1860, - - - *Gosse*, Actinol. p. 105. tab. 3. fig. 3. tab. 6. fig. 11.
 1875, - - - (pars), *Fischer*, Compt. R. vol. 36. p. 1207.

Descr. *Heliactis tentaculis longissimis, tubulatis, frequentibus.*

Hab. In brevibus prope Gajolam, Pausilypum, S. Luciam; saxis adnata vel in arena, profunditati Mtr. 4,00.

Varietates inconspicuae, coloribus plus minusve laetis.

Gen. XI. *Adamsia*.

Medusa (pars), *Bohadsch* 1761, *Fabricius* 1779, *Ström* 1783.

Actinia (pars), *Adams* 1800, *Otto* 1823, *Delle Chiaje* 1825, 1841, 1843, *Risso* 1826, *Rapp* 1829, *Blainville* 1830, *Gravenhorst* 1831, *Dalyell* 1848.

Cribrina (pars), *Ehrenberg* 1834, *Grube* 1840.

Adamsia, *Forbes* 1840, *Johnston* 1847, *Gosse* 1854, 1858, 1860, *Fischer* 1875.

Adamsidae verrucis acetabulisque carentes, einclidibus pluribus, tentaculis frequentissimis, retractilibus, acontis facile-missilibus instructae.

Sp. 20. *Adamsia palliata*.

- Syn.** 1761, *Medusa palliata*, *Bohadsch* p. 135. tab. 11. fig. 1.
 1779, - - - *Fabricius*, p. 327.
 1788, - - - *Ström*, *Sosselde*.
 1800, *Actinia effoeta*, *Adams*, Ph. Tr. p. 8.
 1807, - - - *Turton*, p. 50, 131.
 1812, - *maculata*, *Pennant*, Zool. vol. 4. p. 104.
 1823, - *carciniopados*, *Otto*, vol. 11. p. 2. tab. 40.
 1825, - - - *Delle Chiaje*, vol. 2. p. 241. tab. 85. fig. 23.
 1826, - *pecta*, *Risso*, vol. 5. p. 286.
 1829, - *carciniopados*, *Rapp*, p. 58.
 1830, - *maculata*, *Coldstream*, p. 236. tab. 4. fig. 6, 7.
 — - *pecta*, *Blainville*, p. 326.
 1831, - *effoeta*, *Gravenhorst*, p. 133.
 1834, *Cribrina palliata*, *Ehrenberg*, p. 41.
 1836, *Actinie parasite*, *Dugés*, p. 93. tab. 6. fig. 1.
 — *Cribrina palliata*, *Deshayes* in *Lamarck* vol. 1. p. 547.
 1840, - *carciniopados*, *Grube*, p. 13.
 — *Adamsia maculata*, *Forbes*, p. 183.
 1841, *Actinia carcinopados*, *Delle Chiaje*, vol. 4. p. 126. vol. 5. p. 137. tab. 152. fig. 14.
 1847, *Adamsia palliata*, *Johnston*, vol. 1. p. 207. tab. 13. fig. 1, 2.
 1848, *Actinia maculata*, *Dalyell*, vol. 2. p. 233. tab. 48. fig. 3, 4.
 1854, *Adamsia palliata*, *Gosse*, Aq. p. 139.
 1855, - - - *Gosse*, Man. Mar., vol. 1. p. 27. fig. 38.
 1858, - - - *Gosse*, Ann. 3 a. I. p. 416.

Syn. 1860, *Adamsia palliata*, *Gosse*, *Actinol.* p. 124. tab. 3. fig. 7. 8.

1875, - - - *Fischer*, *Compt. R.* vol. 86. p. 1207.

Descr. *Adamsia canerisociata*, basi biloba-annulari-amplectente.

Hab. Frequens.

Gen. XII. Aiptasia.

Actinia (pars), *Grube* 1840.

Anthea (pars), *Cocks* 1851.

Aiptasia, *Gosse* 1858, 1860, *Fischer* 1876.

? *Thelactis*, *Klunzinger* 1877.

Adamsidae verrucis acetabulisque carentes, tentaculis haud frequentissimis, non retractilibus, acontis difficile-missilibus instructae.

Sp. 21. *Aiptasia turgida*.

Descr. *Aiptasia* columnâ cyathiformi, tentaculis tumidis, perforatis.

Hab. Juxta Nisitam frequens et S. Petrum, Mtr. 1,50 profunda, saxis, positionisque adhaerens.

Var. α) *reticulata* = tentaculis rete macularum alba depictis.

β) *simplex* = tentaculis absque retem.

Sp. 22. *Aiptasia chamaeleon*.

Syn. 1840, *Actinia chamaeleon*, *Grube*, *Act.* p. 8.

1877, *Thelactis simplex*, *Klunzinger*, *Korall.* p. 79. tab. 6. fig. 5.

Descr. *Aiptasia* columnâ cylindricâ, erectâ, serie verrucarum instructâ.

Hab. In Portu alioque frequens, saxis lignis, algis, zosteris, conchis, coeteribusque adnata; profunditatem tunc parvam (Mtr. 2,00) tunc magnam (Mtr. 60,00) diligit.

Var. α) *lutea* = columnâ badia, peristomate stellulâ centrali aurea exornato.

β) *purpurea* = columnâ rufescente, peristomate purpureo.

γ) *coerulea* = columna violacea, peristomate interne nigro, peripherice coeruleo (Mtr. 60).

δ) *pallida* = columna fusco-luteola, peristomate albescente.

ε) *polychroma* = variis his coloribus et varie commixtis.

Obs. Has praeter varietates innumerae denuo examine prodeunt; ne obliviscaris attamen unum idque specimen saepe, quoad colorem mutabile esse.

Sp. 23. *Aiptasia saxicola*.

Descr. *Aiptasia* columnâ cylindrica, longitudinaliter striata, tentaculis haud tumidis.

Hab. E Gajola in saxorum cavis, M. 0,50 profunda, cystosiris commixta.

Var. Incospicuae e luteo vel badio vel viridulo tentaculorum colore.

Observ. Cystosirarum coespitibus commixta primo visu non patescit.

Sp. 24. *Aiptasia carnea*.

Descr. *Aiptasia* columnâ cyathiformi, transverse rugosa, tentaculis haud tumidis.

Hab. Unicum specimen observavi; nescio ubi inventum.

Gen. XIII. *Ilyactis*.

? *Ilyanthus*, auctorum.

? *Sagartia*, auctorum.

Adamsidae basi musculari carentes, acontis specialique columnae cingulo praeditae.

Sp. 25. *Ilyactis torquata*.

Descr. *Ilyactis* adhuc genericis characteribus.

Hab. Pausilypo littore, ab imis fundis, extracta.

Observ. Adamsidarum possidet acontia, *Ilyanthidum* columnam, *Actinolobae*, *Tealiaeque* cingulum, seu torquem.

Fam. 5a. *Phellidae*.

Sagartiadae (pars), *Gosse* 1858, 1860.

Phellinae, *Verrill* 1868, *Klunzinger* 1877.

Actinianae fixae columnâ furfuracea, induta, tentaculis subulatis.

Gen. XIV. *Phellia*.

Phellia, *Gosse* 1859, 1860, *Verrill* 1865, *Klunzinger* 1877.

Edwardisia (pars), *Stimpson* 1855.

Phellidae tentaculis retractilibus, frequentibus, conicis.

Sp. 26. *Phellia nummus*.

Descr. *Phellia* columnâ crassa, oncu nummiforme, tentaculis frequentibus.

Hab. Ab imis *Caprearum* aquis, nec non a fundis *Forii* et *Gajolae* semper allata; corallinis, saxis, conchisque adnata.

Var. α) *alba* = peristomate homochromico, albescente, punctis niveis consperso, basi tentaculorum duplici lineâ rufa signata.

β) *rufa* = homochromici peristomatis radiis rufis, luteo-punctatis, tentaculorum basi intense lutea.

γ) *lutea* = peristomate heterochromico, interne luteo, peripherice sex aequidistantibus purpureo-badiis maculis depicto.

δ) *badia* = peristomate heterochromico, interne badio, peripherice zonâ unicolori fusca conscripto.

Sp. 27. *Phellia armata*.

Descr. *Phellia* parva, columnâ crassa, oncu hoemisphaerico.

Hab. E recessu S. Luciae; Mtr. 2,00 profunda, saxis adhaerens.

Obs. Duo tantum specimina observare licuit. — An huc *Entacmaea erythraea Ehrenbergii* 1834 p. 37 (*Cereus nempe erythraeus Milne Edwardsii* 1857 p. 272; vel *Paractis erythraea Klunzingeri* 1877 p. 71) pertinet?

Sp. 28. *Phellia cylindrica*.

Descr. *Phellia* major, columnâ cylindrica, oncu hemisphaerico.

Hab. In imis Pontiae, Pithecusae, Caprearum, Gajolaeque fundis haud rara; conchis, algis (*Udotea flabellata*), petris, corallinis, gorgoniisque affixa.

Var. α) *pontina* = tentaculis fuscis, longitudinaliter lineatis, peristomate radiatim lineolato interne fusco-rubente, peripherice fusco-nigricante.

β) *simplex* = disco (tentaculis nempe et peristomate) homochromico fusco-rubente, pallidioribus tantum punctis radiatim consparso.

γ) *sponsa* = tentaculis badiis, annulo albo basilari, peristomate radii interne luteolis.

δ) *annulata* = tentaculis fuscis transverse ter quaterque albo-annulatis, peristomate purpureo-fusco, radiatim albo-striato.

Sp. 29. *Phellia timida*.

Descr. *Phellia* parva, columna cylindro-conica, tantaculis paucis.

Hab. Ab aquis Bendapalumbi, allata; Mtr. 65 profunda; in corallarum cavis.

Obs. Specimen unicum. Formâ et habitu *Edwardsiis* simillimum.

Sp. 30. *Phellia limicola*.

Descr. *Phellia* media, columna turgida, rugosa arenacea, tentaculis haud frequentibus.

Hab. Nonnulla specimina in littore Barbajae et Frisii (Palazzo di Donn' Anna); tamen semel obtinui.

Fam. 6a. *Capneadae*.

Capneadae, *Gosse* 1860, *Studer* 1878.

Actiniae (pars), *Verrill* 1868—71, *Klunzinger* 1877.

Actininae fixae, columnâ laevi, tentaculis capitatis praeditae. — Non omnino naturalis familia haec est.

Gen. XV. *Aureliania*.

Corynactis (pars), *Thompson* 1853.

Corynactis (pars), *Gosse* 1854.

? *Heteractis*, *Milne Edwards* 1857.

Corynactis (pars), *Wright* 1859.
Aureliania, *Gosse* 1860.

Capneadae tentaculis multi-capitatis, parvis subaequalibus instructae.

Sp. 31. *Aureliania augusta*.

Syn. 1833, ? *Actinia aurora*, *Quoy et Gaynard*, *Astrol.* vol. 4. p. 141. tab. 12. fig. 1, 2.

1837, ? - - *Deshayes* in *Lam. Hist.* vol. 1. p. 545.

1857, ? *Heteractis aurora*, *Milne Edwards*, *Cor.* p. 261.

1860, ! *Aureliania augusta*, *Gosse*, *Actin.* p. 283. tab. 9. fig. 11.

Descr. *Aureliania* corpore conico, basi ampla.

Hab. Gajolae Nisitaeque in aquis, duo circiter chilometra a littore; hanc speciem tartanellae piscatores haud rare adferunt.

Var. α) *devonica* (a *Gosse*) graphica descriptione et iconica nullo puncto differere censeo).

β) *neapolitana* = peristomate haud radiato, tentaculis heterochromicis.

Gen. XVI. *Corynactis*.

? *Actinia* (pars), *Müller* 1788.

Ectacmaea (pars), *Ehrenberg* 1834.

Corynactis (pars), *Allman* 1846, *Johnston* 1847, *Milne Edwards* 1857.

Corynactis, *Gosse* 1860, *Fischer* 1875, *Klunzinger* 1877.

? *Palythoaster*, *Haeckel* 1876.

Capneadae tentaculis uni-capitatis, interne parvis, externe longis instructae.

Sp. 32. *Corynactis viridis*.

Syn. 1788, ? *Actinia candida*, *Müller* *Zool.*

1834, ? A. *Ectacmaea globulifera*, *Ehrenberg* *Roth.* p. 39.

1846, *Corynactis viridis*, *Allman*, *Ann.* 1a. vol. 17. tab. 11.

1847, - - - } *Johnston*, *Zooph.* 2a. vol. 1. p. 205. tab. 35. fig. 10, 11.

— - - Allmanni } *Johnston*, *Zooph.* 2a. pag. 474. fig. 85.

1851, - - - viridis } *Cocks*, *Rep.* 3. tab. 1. fig. 3, 4, 5.

— - - Allmanni } - - - 4. tab. 1. fig. 6.

1853, - - - *Gosse*, *Devon.* p. 422. tab. 8. fig. 8, 9, 10.

1854, - - - *Gosse*, *Man. Mar.* vol. 1. p. 28. fig. 39.

18. ., - - - *Wright*, *Rerv.* vol. 4. p. 122. tab. 13.

1857, - - - viridis, *Milne Edwards*, *Cor.* vol. 1. p. 258.

1875, - - - *Fischer*, *Compt. rend.* vol. 86. p. 1207.

Descr. *Corynactis* corpore peltato, umbelliformis.

Hab. *Melobesiis* (*Lithothamnio expanso* et *L. agariciformi*) adnata. — *Conpluria* habui specimina sed semel.

Obs. *Huc Gossii* varietatem *rhodoprasinam* referrem.

Gen. XVII. Anemonactis.

- ? *Halcompa*, auctorum.
 ? *Anemonia*, auctorum.
 ? *Heteractis*, *Milne Edwards* 1857.

Formae columnâ laevi, tentaculis retractilibus praeditae, acontiis, chromophorisque carentes.

Sp. 33. Anemonactis magnifica.

Descr. Anemonactis adhuc generis characteribus.

Hab. A brevibus S. Petri, Mtr. 7,00 circiter profunda.

Obs. Sessilis, laevis, paucitentaculata, difficile retractilibus deinc ab *Halcompae*, *Cereactidis*, *Anemoniae*, *Heteractidis* generibus differt.

Var.: α rubra = a colore columnae.

β flava = id.

Fam. 7a. Ilyanthidae.

Actinies pivotantes (pars), *Milne Edwards* 1857 (abs. Gen. *Edwardsia*).

Ilyanthidae (pars), *Gosse* 1860 (abs. Gen. *Edwardsia*, *Cerianthus* et *Arachnactis*).

Ilyanthidae (pars), *Verrill* 1862 (abs. Gen. *Edwardsia*) 1869, *Studer* 1878.

Ilyanthidae, *Klunzinger* 1877.

Actinianae liberae basi musculari carentes.

Gen. XVIII. Ilyanthus.

Actinia (pars), *Quoy et Gaymard* 1833.

Isacmaea (pars), *Ehrenberg* 1834.

Iluanthos, *Forbes* 1840, *Johnston* 1847.

Ilyanthus, *Gosse* 1856, 1860, *Verrill* 1862, 1868, *Klunzinger* 1877.

Iluanthos (pars) }
Adamsia (pars) } *Milne Edwards*.

Ilyanthidae columnâ laevi, ore labiis regularibus praeditae.

Sp. 34. Ilyanthus diaphanus.

Syn. 1739, ? *Colum marinum*, *Plancus*, *Conch.* p. 43. tab. 41. fig. 6.

1767, ? *Actinia judaica*, *Linnaeus* 12 a. p. 1088.

1788, ? - - *Linnaeus-Gmelin* 13 a. p. 3133.

1824, ? - *nudata*, *Martens*. *Vened.* vol. 2. p. 525.

1829, - *diaphana*, *Rapp*, *Polyp.* p. 58.

1834. - - *Ehrenberg*, *Roth.* p. 41.

1837, *Cribrina diaphana*, *Lamarck*, *Hist.* 3a. vol. 1. p. 547.

1841, *Actinia diaphana*, *Delle Chiaje*, *Anim.* vol. 4. p. 127. vol. 5. p. 139. tab. 154.

1857, *Adamsia diaphana*, *Milne Edwards*, *Cor.* vol. 1. p. 282.

Descr. *Ilyanthus tentaculis longis, flexuosis, conico-acuminatis, regulariter radiatis.*

Hab. In sinu Mergellinae ac in Pausilypi brevibus non infrequens; Mtr. 8,00 circiter profunda, arenam diligit et limum.

Var. α) communis = corpore toto homochromico.

β) maculata = tentaculis praesertim basi-fusco maculatis, ibidemque annulo pallidior circumdatis; disco radiis fusco-punctatis et stellula albicante centrali ornato.

Sp. 35. *Ilyanthus stellatus.*

Syn. 1841, ? *Cerianthus actinoides*, *Delle Chiaje*, *Deseriz.* vol. 4. p. 124. vol. 5. p. 136. tab. 153. fig. 11.

Descr. *Ilyanthus tentaculis longis, rigidiuseulis quinque in fasciculis stellate dispositis.*

Hab. Unum jamdiu specimen allatum fuit (nuper alterum) ab aquis Benda-palumbi.

Gen. XIX. *Peachia.*

Peachia (pars), *Gosse* 1855, *Milne Edwards* 1857.

Siphonactinia Danielssen et Koren 1856.

Peachia, *Gosse* 1858, *Fischer* 1875.

Peachia (pars), *Klunzinger* 1877.

Ilyanthidae columnâ laevi, conchulâ instructae.

Sp. 36. *Peachia triphylla.*

Syn. 1860, *Peachia triphylla*, *Gosse*, *Actinol.* p. 243. tab. 10. fig. 2.

Descr. *Peachia conchulâ triloba.*

Hab. Juxta Barbajam (Trattoria del Figlio di Pietro) in arena littoris non rara; Mtr. 4,00 profunda.

Obs. Utrum specimina apud *Gosseum* memorata specie cum meis consociari debeant. dubius sum; conchula enim hujus tria habet capitula, non foliaceas appendices.

Gen. XX. *Halcampa.*

Actinia (pars), *Peach* 1847, *Cocks* 1851, *Stimpson* 1856.

Peachia (pars), *Gosse* 1855, 1856, *Fischer* 1875, *Klunzinger* 1877.

Edwardsia (pars), *Stimpson* 1855.

Halcampa (pars), *Gosse* 1858, 1860, *Verrill* 1862, *Studer* 1878.

Corynactis (pars), *Agassiz* 1859.

Ilyanthidae columnâ furfuracea, transverse striata.

Sp. 37. *Halcampa endromitata*.

Descr. *Halcampa* haud parva, duodecim-invecta, arenae granulis tecta.

Hab. Ad Palazzo di Donn' Anna semel reperta.

B. *Cerianthinae* (vide p. 308).

Actinozoa malacodermata, solitaria, multi-radiata, mollia; tentaculis plurimis ordine duplici, marginali nempe et orali, dispositis.

Fam. 8a. Cerianthidae.

Cerianthidae, *Milne Edwards* et *Haime* 1852, *Milne Edwards* 1857.

Ilyanthidae (pars), *Gosse* 1855, 1860.

Cerianthidae (pars), *Verrill* 1862 (abs. Gen. *Arachnactis*).

Cerianthinae tubo seu vaginâ protectionis praeditae.

Gen. XXI. Cerianthus.

Tubularia (pars), *Spallanzani* 1786, *Linnaeus* 1789, *Rapp* 1829.

Actinia (pars), *Renier* 1804, *Grube* 1840.

Moscata, *Renier* 1829.

Moschata, *Blainville* 1830, 1834.

Cereus (pars), *Ilnoni* 1830.

Cribrina (pars), *Deshayes* 1837.

Edwardisia, *Forbes* 1847.

Cerianthus, *Delle Chiaje* 1836, 1841, *Verany* 1846, *Haime* 1854, *Milne Edwards* 1857, *Gosse* 1860, *Verrill* 1865, *Agassiz* 1866, *Verrill* 1866, *Fischer* 1875, *Heider* 1879.

? *Paraetis* (pars), *Klunzinger* 1877.

Dianthea (larva), *Busch* 1851.

Cerianthidae poro basilari perforatae¹.

Sp. 38. *Cerianthus membranaceus*.

Syn. 1784, Fiore di mare, *Spallanzani*, Mem. vol. 2. p. 627.

1786, *Tubularia* sp. n., *Spallanzani*, Opusc. p. 201.

1789, - membranacea, *Linnaeus-Gmelin*, p. 3836.

1804, *Actinia cylindrica*, *Renier*, Prodr. p. 23.

1807, - vestita, *Renier*, Tavole, tab. 4.

1812, (?) *Rhododactylus vestitus*, *Renier*, Comp. parag. 39.

1828, *Moscata rhododactyla*, *Renier*, Elem. tab. 11.

1830, ? *Cereus cupreus*, *Ilnoni*, Isis p. 694. tab. 7.

— *Moschata rhododactyla*, *Blainville*, Zooph. p. 284.

— ? ? *Delle Chiaje*, Mem. tab. 103. fig. 8.

1834, - ? *Blainville*, Actinol. p. 318. tab. 48. fig. 1.

¹ Utrum genus absque poro extet (*Saccanthus* nempe *Milne Edwardsii*) dubium esse videtur.

- 1834, ? $\left\{ \begin{array}{l} \text{Anemonia ?} \\ \text{Actinecta ?} \\ \text{Ectacmaea ?} \end{array} \right\}$ *Ehrenberg*, Roth. p. 43.
 - - - p. 44.
 - - - p. 39.
- 1837, ? *Cribrina bellis*, *Deshayes* in *Lam. Hist.* 3a. vol. 1. p. 547, nota.
- 1840, *Actinia elongata*, *Grube*, *Actin.* p. 11.
- 1841, *Cerianthus cornucopiae*, *Delle Chiaje*, *Descr.* vol. 4. p. 124. vol. 5. p. 136. tab. 155. fig. 16. tab. 156. fig. 8.
- 1844, *Moschata rhododactyla*, *Contarini* (vide *Renier* 1847).
- 1846, *Moseata* sp., *Koch* (vide *Renier* 1847).
- 1847, - *rhododactyla*, *Renier-Meneghini*, *Osserv.* p. 75. tab. 3, 4.
- 1851, *Cerianthus cornucopia*, *Milne Edwards* et *Haime*, *Arch.* vol. 5. p. 14.
- 1854, - *membranaceus*, *Haime*, *Ann.* 4a. vol. 1. p. 352. tab. 7, 8.
- 1857, - - - } *Milne Edwards* p. 309.
- - *cylindricus* }
- 1875, - *membranaceus*, *Fischer*, *Compt. rend.* vol. 86. p. 1207.
- 1879, - - - *Heider*, *Wien. Akad.* vol. 79. p. 204. tab. 1—6.

Descr. *Cerianthus* duobus tantum mesenteriiis maximis.

Hab. Species frequentissima; Mtr. 3 profunda; in arena.

Var. conplures; precipuae sunt: α nigricans = corpore violaceo-nigricante homochromico.

$\alpha\alpha'$ = tentaculis violaceo-nigricantibus.

$\alpha\beta'$ = tentaculis labialibus violaceo-nigricantibus, marginalibus griseo-annulatis.

$\alpha\gamma'$ = tentaculis griseo-annulatis.

β violaceus = columna violacea.

$\beta\alpha'$ = tentaculis annulatis griseo-violaceis.

$\beta\beta'$ = tentaculis annulatis griseoflavis, vel badiis.

γ roseus = columnâ rosea, tentaculis albicantibus annulatis.

δ viridis = columnâ violacea, tentaculis laete viridibus.

Observ. Omnes semper *C. membranacei* varietates viridem quamdam tentaculorum iridescentiam possident. — Cylindricam *Milne-Edwardsii* speciem pro varietate membranaceae habeo; utrum extet dubius sum.

Sp. 39. *Cerianthus solitarius*.

Syn. 1829, *Tubularia solitaria*, *Rapp*, *Curios.* vol. 14. p. 653. tab. 38. fig. 2.

1829, - - - *Rapp*, *Actin.* p. 48.

1830, ? *Cereus cupreus*, *Imoni*, *Isis* p. 694. tab. 7.

- ? ? *Delle Chiaje*, *Mem.* tab. 103. fig. 2.

1836, *Cerianthus Brerae*, *Delle Chiaje*, *Istituz.* p. 142. tab. 2. fig. 6.

1841, - - - *Delle Chiaje*, *Descr.* vol. 4. p. 124. vol. 5. p. 136. tab. 156. fig. 2.

Descr. *Cerianthus* octo mesenteriiis maximis, badius.

Hab. In Portu, atque ad S. Luciam, Oppidum Ovi, Mergellinam, Nisitamque frequens; — profunditatem, jacturamque membranacei diligit.

Sp. 40. *Cerianthus profundus*.

Descr. *Cerianthus* quatuor mesenteriiis maximis.

Hab. Semel ab imis Gajolae allatus.

Observ. Externe formâ et colore varietati $\beta\beta'$ membranacei simillimum esse videtur.

Sp. 41. *Cerianthus nans*.

Descr. *Cerianthus* parvus, pauci-tentaculatus, luteolus.

Hab. Unicum specimen obtinui e sinu Mergellinae.

Observ. Anatomica investigatio hucus deest.

C. *Edwardsinae* (vide p. 308, 330).

Actinozoa malacodermata, solitaria, octo-radiata, mollia, tentaculis paucis, ordine unico, marginali scilicet, dispositis.

Fam. 9a. *Edwardsidae*.

Actinies pivotantes (pars) *Milne Edwards* 1857.

Ilyanthidae (pars), *Gosse* 1858, 1860, *Verrill* 1862, *Klunzinger* 1877.

Adhuc familia unica. *Edwardsinae* liberae, columnâ octo-invecta, tuberculata, praeditae, acontis, cinclidibusque carentes.

Gen. XXII. *Edwardsia*.

Actinia (pars), *Stimpson* 1853.

Edwardsia, *Quatrefages* 1842, *Gosse* 1855, *Milne Edwards* 1857, *Fischer* 1875, *Klunzinger* 1877, *Studer* 1878.

Lecythia, *Sars* 1845.

Scolanthus, *Gosse* 1848 (non *Holdsworth* 1855).

Edwardsia

Halcampa (pars) } *Gosse* 1859.

Edwardsia (pars), *Verrill* 1866.

Arachnaetis (larva) *Sars* 1846.

Kalliphobe (larva), *Busch* 1851.

Edwardsidae columnâ tribus in regionibus, capitulo, scilicet, scapo et physa distincta, instructae.

Sp. 42. *Edwardsia Claparèdii*.

Syn. 1842, ? *Edwardsia Beautempsii*, *Quatrefages* Ann. 2a. vol. 18. p. 69. fig. 1.

1857, ? - *Beautempsii*, *Milne Edwards*, Cor. vol. 1. p. 285.

1869, *Halcampa Claparèdii*. *Panceri*, Atti vol. 4. num. 11. tab. un. fig. 9.

1869, *Urophysalus Grubii*, *Costa*, Annuar., ann. 5. p. 56. tab. 3. fig. 2.

Descr. *Edwardsia* tentaculis sedecim subulatis.

Hab. Rara quamvis non rarissima; ab imis Bendapalumbi et Forii aquis nec non a brevibus Pausilypi et Sancti Petri allata; — variam amat profunditatem; tunc in arena, tunc in zosteræ cespitibus vivit.

Var. α) carnea = capitulo columnæ carneo octo-maculato; scapo luteofusco.

- β ornata = capitulo columnae luteolo lineâ octo-angulari, fusca et octo ejusdem coloris punctis ornato; scapo badio.
 γ simplex = capitulo homochromico flavo; scapo flavo-fusco.
 δ stellata = capitulo fusco-purpureo, inferius pallidiore, homochromico, superius nigricante stellulis albidis depicto.

Observ. Specimina oncu retracta facillime pro Phascolosomatidis speciebus habentur.

Sp. 43. *Edwardsia janthina*.

Descr. *Edwardsia* duodecim-tentaculata.

Hab. Specimen hucus unicum a Forii fundis allatum, nondumque anatomicè investigatum. In Melobesiarum cavis timidissime vivit.

D. Zoanthinae (vide p. 308, 330, 332).

Actinozoa malacodermata saepe gregaria, coriacea hexaradiata (?) tentaculis multis, ordine unico marginali dispositis.

Hujus forsitan sobolis formae omnes in unico genere consociari non obnituntur.

Fam. 10 a. Zoanthidae.

Zoanthaires coriacés, *Blainville* 1830.

Zoanthina coriacea, *Ehrenberg* 1834.

Zoanthidae, *Dana* 1846, 1860, *Verrill* 1862.

Zoanthinae, *Milne Edwards* 1857.

Zoanthacea (pars), *Verrill* 1865 (abs. gen. Bergea).

Zoantharia, *Klunzinger* 1877.

Zoanthinae granulis lapideis plus minusve obductae.

Gen. XXIII. Zoanthus.

Actinia (pars), *Ellis* 1767.

Hydra (pars), *Linnaeus-Gmelin* 1788.

Zoanthus, *Cuvier* 1797, *Lamouroux* 1821, *Delle Chiaje* 1828, 1841, *Gosse* 1860.

Zoantha, *Lesueur* 1817, *Lamarck* 1819, *Dana* 1846.

? *Tilesius*.

Palythoa (pars), *Savigny-Audouin* 1826.

Actinorhyza, *Blainville* 1830.

Zoanthus, *Ehrenberg* 1834, *Andres* 1877.

? *Spongia* (pars), *Johnston* 1834.

? *Dysidea*, *Johnston* 1842.

Zoanthus (pars), *Johnston* 1847, *Milne Edwards* 1857, *Klunzinger* 1877.

Zoanthidae polypa sparsim gregaria e discretis coenenchymatis stolonibus ad-surgentia complectentes.

Sp. 44. *Zoanthus dubius*.

Syn. 1767, ? *Actinia sociata*, *Ellis*, Ph. Tr. vol. 57. p. 436. tab. 19. fig. 1, 2.

1786, ? - - *Ellis et Solander*, Cor. p. 5. tab. 1. fig. 1, 2.

1788, ? *Hydra* - *Linnaeus-Gmelin*, vol. 3. part. 6. p. 3868.

- Syn.** 1797, ? *Zoanthus sociatus*, *Cuvier*, *Tabl.* p. 653.
 1801, ? - - *Lamarck*.
 1817, - *dubius*, *Lesueur*, *Philad. Acad.* vol. 1. p. 177. tab. 8.
 1828, - *Ellisii*, *Delle Chiaje*, *Mem.* vol. 3. p. 99. tab. 36. fig. 1, 2.
 1830, - *dubius*, *Blainville* p. 295.
 1834, *Spongia suberea*, *Johnston*, *Mag.*, vol. 7. p. 491.
 1838, *Zoanthus Couchii*, *Couch*, *Corn.* vol. 3. p. 73. tab. 15. fig. 3.
 1841, — *lobatus*, *Delle Chiaje*, *Descr.* vol. 4. p. 123. vol. 5. p. 136.
 tab. 55. fig. 1, 2.
 1842, *Dysidea papillosa*, *Johnston*, *Spong.* p. 190. fig. 18. tab. 16. fig. 6, 7.
 1845, - - *Landsbourough*, *Ann.* 1a. vol. 15. p. 327.
 1847, *Zoanthus Couchii*, *Johnston*, *Zooph.* 2a. vol. 1. p. 202. tab. 35. fig. 9.
 1857, - *dubius*, *Milne Edwards*, *Cor.* vol. 1. p. 300.
 1858, - *Couchii*, *Holdsworth*, *Zool. Soc.* tab. 10. fig. 3—7.
 1860, - - *Gosse*, *Actin.* p. 297. tab. 9. fig. 9, 10. tab. 10.
 fig. 5.
 — ? - *arcticus*, *Sars*, *Christ. Forh.*
 1862, ? - *parasiticus*, *Ferrill*, *Bost. Mem.* vol. 1. p. 34.

Descr. *Zoanthus parvus*, *laevis*.

Hab. Haud frequens; testaceis saxisque adnatus.

Gen. XXIV. *Polythoa*.

- ? *Lapidis stellaris primordia*, *Sloane* 1707.
 ? *Aleyonium* (pars), *Ellis et Solander* 1786, *Gmelin* 1785.
Polythoa (pars), *Lamouroux* 1816, *Dana* 1846, *Milne Edwards* 1857, *Klunzinger* 1877.
Corticifera, *Lesueur* 1817, *Blainville* 1830.
Cavolinia (pars), *Schweigger* 1820.
Isaura (pars), *Savigny* 1826.
Palythoa, *Ehrenberg* 1834, *Andres* 1877.
Zoanthus (pars), *Gosse* 1860.

Zoanthidae polypa serratim gregaria, de tota columnae longitudine connata complectentes.

Sp. 45. *Polythoa arenacea*.

- Syn.** 1767, ? *Actinia sociata*, *Ellis*, *Ph. Tr.* vol. 57. p. 436. tab. 19. fig. 1, 2.
 1788, ? *Hydra sociata*, *Linnaeus-Gmelin* p. 3568.
 1797, ? *Zoanthus sociatus*, *Cuvier*, *Tabl.* p. 653.
 1828, - *arenaceus*, *Delle Chiaje*, *Mem.* tab. 80. fig. 11, 12.
 1841, - - *Delle Chiaje*, *Descr.* vol. 4. p. 123. vol. 5.
 p. 136. tav. 95. fig. 11.
 1857, *Palythoa arenacea*, *Milne Edwards*, *Cor.* vol. 1. p. 306.
 1860, ? *Zoanthus arcticus*, *Sars*, *Christ. Forh.*
 1862, ? - *parasiticus*, *Ferrill*, *Bost. Soc.* vol. 1. pl 34.

Descr. *Palythoa* polypis exiguis, discretis; coloniis numerosis.

Hab. Haud rara; saxis, conchisque adnata.

Gen. XXV. Mammillifera.

Madrepora (pars), *Cavolini* 1785.

Alcyonium (pars), *Ellis et Solander* 1786.

Palythoa (pars), *Lamouroux* 1816, *Savigny-Audouin* 1826, *Klunzinger* 1877.

Mammillifera, *Lesueur* 1817, *Blainville* 1830, *Ehrenberg* 1834, *Andres* 1877.

Cavolinia, *Schweigger* 1820.

Palythoe (pars), *Dana* 1846.

Zoanthus (pars), }
Palythoa (pars). } *Milne Edwards* 1857.

Zoanthus (pars), *Gosse* 1860.

Zoanthidae polypa vix serratim gregaria, basi tantum sed in extenso coenenchymate unita complectentes.

Sp. 46. Mammillifera denudata.

Syn. 1785, Madrepora denudata, *Cavolini*, Mem. p. 57. tab. 3. fig. 6.

1817, Mammillifera Cavolinii, *Lesueur*, Philad. Acad. vol. 1. p. 178.

1820, Cavolinia rosea, *Schweigger*, Naturg. p. 411.

1834, Mammillifera denudata, *Ehrenberg*, Roth. p. 46.

1846, Polythoa denudata, *Dana*, Zooph. p. 423.

Descr. Mammillifera polypis clavatis, purpureis, crassis.

Hab. Juxta Nisitam semel reperta.

Sp. 47. Mammillifera axinellae.

Syn. 1826, ? Polythoa Bertholetii, *Savigny-Audouin* . . .

1835, ? Hyalonema Sieboldii, *Gray*, Zool. Soc. vol. 2. p. 63.

1860, ? Polythoa fatua, *Schultze*, Hyalon. p. 28, 42. tab. 5. fig. 4—5.

1862, - Axinellae, *Schmidt*, Spong. p. 61. tab. 6. fig. 2, 3.

Descr. Mammillifera polypis cylindricis. luteis, crassis.

Hab. Ab imis Vivarae Chiajaeque fundis, multoties extracta; axinellis adnata.

Observ. Hac de specie scripturo quaestio primum occurrit quae jamdiu doctos *Schultzeum*, *Grayum*, *Bowerbankum*, *Ehrenbergium* aliosque torcuit, de vera nempe Hyalonematis vel Polythoae natura.

Gen. XXVI. Hughea.

Actinocereus (pars), *Oken* 1815.

Palythoa (pars) }
Isaura } *Savigny-Audouin* 1826.

Mammillifera (pars), *Blainville* 1830.

Hughea, *Ehrenberg* 1834.

? Sidisia, *Gray* 1858.

Zoanthus (pars), *Gosse* 1860, *Klunzinger* 1877.

? Palythoaster, *Haeckel* 1876¹.

Isaurus, *Andres* 1877.

Zoanthidae polypis non gregariis.

Sp. 48. *Hughea emaciata*.

Semel tantum visa.

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¹ Vide supra: Gen. XVI Corynactis.

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equina, <i>Actinia</i>	1, 2.	<i>Ilyactis torquata</i>	25
- (exondante), <i>Actinia</i>	1	<i>Ilyanthus</i>	XIII, XVIII
- semiovalis, <i>Actinia</i>	1	<i>Ilyanthus</i>	XVIII
equinus, <i>Priapus</i>	1	- diaphanus	34
espèce première d'Anémone	1	- stellatus	35
explicata, <i>Urtica</i>	3	iris, <i>Actinia</i>	1
explorator, <i>Actinia</i>	19	Isacmaea	X, XVIII
Fiore di mare	37	isacmaea, <i>Actinia viduata</i>	19
fiscella, <i>Actinia</i>	1	Isaura	XXIV, XXVI
flagellifera, <i>Actinia</i>	3	Isaurus	XVI
Forskælii, <i>Actinia</i>	1	janthina, <i>Edwardsia</i>	43
fragacea, <i>Actinia</i>	1	judaica, <i>Actinia</i>	34
fusco-rubra, <i>Actinia</i>	11	Kalliphobe	XXII
gelatinosa, <i>Actinia</i>	7	lacerata, <i>Actinia</i>	19
gemmacea, <i>Actinia</i>	9	Lecythia	XXII
- Hydra	9	limicola, <i>Phellia</i>	30
gemmaceus, <i>Bunodes</i>	9	lobatus, <i>Zoanthus</i>	44
- <i>Cereus</i>	9, 10	longitudinalibus rugis, <i>Actinia</i>	3
Gephyra	IV	maculata, <i>Actinia</i>	20
- <i>Dohrnii</i>	7	- <i>Adamsia</i>	20
glandulosa, <i>Actinia</i>	9, 10, 11	Madrepora	XXV
- <i>Bunodes</i>	10	- <i>denudata</i>	46
- <i>Cribrina</i>	10	Mammillifera	XXV, XXVI
glandulosus, <i>Cereus</i>	10	Mammillifera	XXV
globulifera, <i>Actinia ectacmaea</i>	32	- <i>axinellae</i>	47
graminea, <i>Actinia</i>	2	- <i>Cavolinii</i>	46
Grubii, <i>Urophysalus</i>	41	- <i>denudata</i>	46
Halcampa	XVII, XXII	mare, Fiore di	37
Halcampa	XX	margaritifera, <i>Actinia</i>	1
- <i>endomitata</i>	37	marina, <i>Urtica</i>	1
<i>Heliactis</i>	X	marinum, <i>Colum</i>	34
- <i>bellis</i>	17	marmorata, <i>Sagartia</i>	16
- <i>troglodytes</i>	18	Medusa	XI
- <i>viduata</i>	19	Medusa palliata	20
hemisphaerica, <i>Actinia</i>	1	- <i>species prima</i>	1
Heteractis	XV, XVII	membranacea, <i>Tubularia</i>	38
Hughea	XXVI	membranaceus, <i>Cerianthus</i>	38
- <i>emaciata</i>	48	mentula, <i>Tethys semiovatus</i>	1
hyalina, <i>Actinia</i>	16	mer, <i>Ortie de</i>	1
Hyalonema <i>Sieboldii</i>	47	mesembryanthemum, <i>Actinia</i>	1
Hydra	I, II, X, XXIII	- <i>entacmaea Actinia</i>	1
- <i>bellis</i>	17	- <i>Hydra disciflora</i>	1
- <i>calyciflora</i>	17	<i>mollis subfusca, Actinia</i>	1
- <i>cereus</i>	3	monile, <i>Actinia</i>	10
- <i>disciflora</i>	1, 9, 10	Moscata	XXI
- <i>gemmacea</i>	9	Mosehata	XXI
- <i>sociata</i>	43	mutabilis, <i>Actinia</i>	19
- <i>tentaculis deundatis</i>	3	nans, <i>Cerianthus</i>	41
Ilyanthos	XVIII	nudata, <i>Actinia</i>	34
<i>Ilyactis</i>	XIII		

nummus, Phellia	26	quarta species, Urtica	16
Ortie de mer	1	rhododactyla, Moscata	38
palliata, Adamsia	20	- Moschata	38
- Cribrina	20	rhododactylos, Actinia	12
- Medusa	20	Rhododactylus vestitus	38
Palythoa XXIII, XXIV, XXV, XXVI		Rondeletii, Actinia	16
- arenacea	4	rosea, Cavolinia	46
- Bertholetii	47	ruber, Priapus	1
- axinellae	47	rubra, Actinia	1, 3
Palythoaster	XVI, XXVI	- Urtica	1. 3
Palythoe	XXV	rubripunctata, Actinia	10, 11, 12, 13
papillosa, Dysidea	44	rufa, Actinia	1, 18
Paractis	III, X, XXI	rugis longitudinalibus, Actinia	3
Paractis	III	rugosa, Paractis	7
- comata	5	Saccanthus	XXII
- punctata	6	Sagartia	IX, X, XII
- rugosa	4	- bellis	17
- viduata	19	- effoeta	16
parasita, Actinia	20	- marmorata	16
parasitica, Actinia	16	- parasitica	16
- Sagartia	16	- polypus	16
parasiticus, Zoanthus	45	- troglodytes	18
Peachia	XX	- viduata	19
Peachia	XIX	saxicola, Aiptasia	23
- triphylla	36	saxo-innata, Urtica	3
pedunculata, Actinia	10, 11, 17	Scolanthus	X, XXII
pedunculatus, Cerens	17	- sphaeroides	18
Phellia	XIV	semiovalis, Actinia equina	1
- armata	27	semiovatus, Tethys mentula	1
- cylinder	25	Sidisia	XXVI
- nummus	26	Sieboldii, Hyalonema	47
- timida	29	Siphonactinia	XIX
pieta, Actinia	20	sociata, Actinia	44, 45
polypus, Sagartia	16	- Hydra	44, 45
Polythoa	XXIV	sociatus, Zoanthus	44, 45
Polythoa	XXIV	sol, Cerens	17
- arenacea	45	species prima, Medusae	1
- Bertholetii	47	- quarta, Urticae	16
- denudata	46	- tertia, Priapi	16
- fatua	47	Spongia	XXIII
première espèce, Anemone	1	- suberea	44
Priapi tertia species	16	strumosa, Bunodeopsis	8
Priapus	I, II, IX	suberea, Spongia	44
- equinus	1	subfusca mollis, Actinia	1
- ruber	1	sulcata, Actinia	3
- viridis	1	- Anemonia	3
prima species Medusae	1	sulcatus, Actinocereus	3
profundus, Cerianthus	40	tabella, Actinia	2
punctata, Paractis	8	Templetonii, Actinia	17
purpurea, Actinia	1	Thelactis	XII

<i>Thelactis simplex</i>	22	- <i>Anemonia</i>	3
<i>timida, Phellia</i>	29	<i>verrucosa, Actinia</i>	9, 10, 11
<i>torquata, Ilyactis</i>	25	- <i>Bunodes</i>	9
<i>triphylla, Peachia</i>	36	- <i>Cribrina</i>	9
<i>troglydytes, Actinia</i>	18	<i>vestita, Actinia</i>	38
- <i>Sagartia</i>	18	<i>viduata, Actinia</i>	19
<i>Tubularia</i>	XXI	- <i>isacmaea Actinia</i>	19
<i>Tubularia membranacea</i>	38	- <i>Heliactis</i>	19
- <i>solitaria</i>	39	- <i>Paractis</i>	19
<i>turgida, Aiptasia</i>	21	- <i>Sagartia</i>	19
<i>undata, Actinia</i>	19	<i>viridis, Actinia</i>	3
- <i>Paractis</i>	29	- <i>Corynactis</i>	32
<i>Urophysalus</i>	XXII	<i>zebra, Actinia</i>	19
- <i>Grubii</i>	42	<i>Zoanthus</i>	XXIV, XXV, XXVI
<i>Urtica</i>	I, II, XI	<i>Zoanthus</i>	XXIII
- <i>cinerea</i>	3, 19	- <i>arcticus</i>	44
- <i>explicata</i>	3	- <i>arenaceus</i>	45
- <i>marina</i>	1	- <i>Couchii</i>	44
- <i>quarta</i>	16	- <i>dubius</i>	44
- <i>rubra</i>	1, 3	- <i>Ellisii</i>	44
<i>Urtica species quarta</i>	16	- <i>lobatus</i>	44
- <i>saxo-innata</i>	3	- <i>parasiticus</i>	44
<i>vagans, Actinia</i>	3	<i>zonata, Actinia</i>	1

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